

Kodiak Management Area Commercial Salmon Fishery Annual Management Report, 2006

by

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and

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April 2007

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)		General		Measures (fisheries)	
centimeter	cm	Alaska Administrative		fork length	FL
deciliter	dL	Code	AAC	mid-eye-to-fork	MEF
gram	g	all commonly accepted		mid-eye-to-tail-fork	METF
hectare	ha	abbreviations	e.g., Mr., Mrs., AM, PM, etc.	standard length	SL
kilogram	kg			total length	TL
kilometer	km	all commonly accepted			
liter	L	professional titles	e.g., Dr., Ph.D., R.N., etc.	Mathematics, statistics	
meter	m			<i>all standard mathematical</i>	
milliliter	mL	at	@	<i>signs, symbols and</i>	
millimeter	mm	compass directions:		<i>abbreviations</i>	
		east	E	alternate hypothesis	H _A
		north	N	base of natural logarithm	<i>e</i>
		south	S	catch per unit effort	CPUE
		west	W	coefficient of variation	CV
		copyright	©	common test statistics	(F, t, χ^2 , etc.)
		corporate suffixes:		confidence interval	CI
		Company	Co.	correlation coefficient	
		Corporation	Corp.	(multiple)	R
		Incorporated	Inc.	correlation coefficient	
		Limited	Ltd.	(simple)	r
		District of Columbia	D.C.	covariance	cov
		et alii (and others)	et al.	degree (angular)	°
		et cetera (and so forth)	etc.	degrees of freedom	df
		exempli gratia		expected value	<i>E</i>
		(for example)	e.g.	greater than	>
		Federal Information		greater than or equal to	≥
		Code	FIC	harvest per unit effort	HPUE
		id est (that is)	i.e.	less than	<
		latitude or longitude	lat. or long.	less than or equal to	≤
		monetary symbols		logarithm (natural)	ln
		(U.S.)	\$, ¢	logarithm (base 10)	log
		months (tables and		logarithm (specify base)	log ₂ , etc.
		figures): first three		minute (angular)	'
		letters	Jan,...,Dec	not significant	NS
		registered trademark	®	null hypothesis	H ₀
		trademark	™	percent	%
		United States		probability	P
		(adjective)	U.S.	probability of a type I error	
		United States of		(rejection of the null	
		America (noun)	USA	hypothesis when true)	α
		U.S.C.	United States	probability of a type II error	
			Code	(acceptance of the null	
		U.S. state	use two-letter	hypothesis when false)	β
			abbreviations	second (angular)	"
			(e.g., AK, WA)	standard deviation	SD
				standard error	SE
				variance	
				population	Var
				sample	var
Weights and measures (English)					
cubic feet per second	ft ³ /s				
foot	ft				
gallon	gal				
inch	in				
mile	mi				
nautical mile	nmi				
ounce	oz				
pound	lb				
quart	qt				
yard	yd				
Time and temperature					
day	d				
degrees Celsius	°C				
degrees Fahrenheit	°F				
degrees kelvin	K				
hour	h				
minute	min				
second	s				
Physics and chemistry					
all atomic symbols					
alternating current	AC				
ampere	A				
calorie	cal				
direct current	DC				
hertz	Hz				
horsepower	hp				
hydrogen ion activity	pH				
(negative log of)					
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 07-25

**KODIAK MANAGEMENT AREA
COMMERCIAL SALMON FISHERY
ANNUAL MANAGEMENT REPORT, 2006**

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ABSTRACT

This report describes the Kodiak Management Area (KMA), provides an overview of the KMA salmon resources, and explains the 2006 KMA commercial salmon fisheries and the various harvest strategies that were in effect throughout the commercial salmon fishing season. In addition, this report reviews recent and historical commercial, sport, and subsistence harvests and effort levels in the KMA.

The 2006 KMA commercial salmon fishery began on June 1 with the last reported landing on September 27. A total of 285 permits were fished in 2006 which included 131 purse seine permits, one beach seine permit and 153 set gillnet permits. The total 2006 commercial salmon harvest in the KMA, not including ADF&G test fish and commercially caught salmon retained but not sold, was 20,283 Chinook salmon *Oncorhynchus tshawytscha*, 1,583,816 sockeye salmon *O. nerka*, 553,524 coho salmon *O. kisutch*, 31,693,347 pink salmon *O. gorbuscha*, and 1,081,989 chum salmon *O. keta*. Additional salmon were harvested for subsistence and sport use and there was a very small test fish harvest. The 2006 commercial harvests exceeded the 2006 forecasted harvest for all species except sockeye salmon. The exvessel value for salmon harvested by all gear types totaled approximately \$25.8 million.

Sockeye salmon escapements met or exceeded all established goals with the exception of the Ayakulik River, the early-run at Upper Station and Pauls Lake. The Kodiak Archipelago and Mainland District pink salmon escapement goals were exceeded. Minimal district chum salmon escapement goals were exceeded in all districts for which they are established in the KMA with the exception of the Alitak and Northwest Kodiak districts. The Chinook salmon escapement goal was achieved in the Karluk River but escapement into the Ayakulik River was below the established goal.

Commercially harvested salmon that were reported as retained for their own use but not sold totaled 5,596 salmon in the KMA including: 100 Chinook, 1,442 sockeye, 2,786 coho, 1,140 pink and 128 chum salmon.

The 2006 harvest data for the subsistence and sport fisheries in the KMA were not yet summarized at the time of this report. There were 2,093 subsistence permits issued in 2006.

Key words: Chinook salmon, sockeye salmon, coho salmon, pink salmon, chum salmon, Alaska Department of Fish and Game, Kodiak Management Area, commercial fisheries, subsistence, sport fisheries, Alaska Board of Fisheries, management plan, purse seine, set gillnet, harvest, 2006

INTRODUCTION

Since 1959, the Alaska Department of Fish and Game (ADF&G), Commercial Fisheries Division (CFD) has been responsible for management of the state's salmon subsistence, commercial and personal use fisheries, the rehabilitation and enhancement of existing fishery resources, and the development of new fisheries (ADF&G 2005a). Management reports of the Kodiak Management Area (KMA) commercial salmon fisheries have been compiled annually since statehood. This report describes the KMA, provides an overview of the salmon resources, and explains the current KMA commercial salmon fisheries and the various harvest strategies that were in effect throughout the 2006 commercial salmon fishing season. In addition, this report reviews recent and historical commercial harvests and effort levels as well as provides some information on subsistence, sport, and commercial harvest retained for personal use.

General information concerning escapements, harvest and economic value is contained in the body of this report. A more detailed discussion of the prosecution of the numerous management plans governing the KMA is contained in a series of appendices. Appendices A1 through A8 contain maps depicting the KMA and its commercial fishing districts. Appendices B1 through B2 depict fishing opportunity in space and time and list emergency orders issued during the 2006 season. Appendices C1 through C5 depict detailed information specific to the Cape Igvak salmon fishery. Appendices D1 through D6 depict detailed information specific to the Alitak District salmon fishery. Appendices E1 through E6 depict details of the Westside Kodiak salmon fishery.

Appendices F1 through F6 depict detailed information specific to the North Shelikof Strait salmon fishery. Appendices G1 through G3 depict detailed information specific to the Eastside Afognak salmon fishery. Appendices H1 through H4 depict detailed information specific to the Spiridon Bay Special Harvest Area (SBSHA) fishery. Appendices I1 through I4 contain information specific to the Eastside Kodiak District salmon fishery. Appendices J1 through J3 contain information specific to the North Afognak/Shuyak salmon fishery. Appendices K1 through K3 contain information specific to the Mainland District salmon fishery. Appendix L1 is a table detailing commercial salmon harvest by statistical week and management unit across the entire KMA. Appendix M1 depicts indexed peak salmon escapements by species and district. More detailed escapement data by stream is published in a separate escapement report (Caldentey 2007).

Due to the *M/V Exxon Valdez* oil spill, most of the KMA remained closed to commercial salmon fishing for the entire 1989 season. Where average harvest information is presented, 1989 may not be included in the averages. Tables and graphs in this report may not include 1989 data.

KODIAK MANAGEMENT AREA DESCRIPTION

The KMA comprises the waters of the western Gulf of Alaska surrounding the Kodiak Archipelago and along with that portion of the Alaska Peninsula that borders the Shelikof Strait between Cape Douglas and Kilokak Rocks (Figure 1). The archipelago is approximately 150 miles long, extending from northeast to southwest. The Alaska Peninsula portion is about 160 miles long and is separated from the archipelago by the Shelikof Strait, which averages 30 miles in width.

The regulatory description (5 AAC 18.100, 2005) of the KMA is all waters of Alaska south of a line extending from Cape Douglas (58° 51.10' N lat.) west of 150° W long., north of 55° 30.00' N lat., and north and east of a line extending 135° southeast for three miles from a point near Kilokak Rocks at 57° 10.34' N lat., 156° 20.22' W long. (the longitude of the southern entrance of Imuya Bay), then due south.¹

SALMON RESOURCES

SALMON PRODUCING STREAMS

There are approximately 800 streams within the KMA in which salmon migration or spawning has been documented (ADF&G 1993). Of these, 440 streams have been documented to support yearly spawning populations of salmon (Table 1) while the remaining 360 are small streams that are usually used by pink salmon *Oncorhynchus gorbuscha* only in years with very large returns. Four streams support viable Chinook salmon *O. tshawytscha* stocks; 39 streams support sockeye salmon *O. nerka* stocks of varying size; 174 streams have coho salmon *O. kisutch* stocks; approximately 150 streams have chum salmon *O. keta* stocks; and all 440 streams support pink salmon stocks (Table 1). Of these streams, 92 are located in the Mainland District (on the Alaska Peninsula), while the remainder are located in the Kodiak Archipelago (in the Northwest Kodiak, Southwest Kodiak, Alitak, Eastside Kodiak and Northeast Kodiak districts; Appendix A1).

¹ All latitudes and longitudes currently used in ADF&G Commercial Fishing Regulations are shown in decimal minutes and are based on North American datum of 1983 (5 AAC 39.997(b), 2005). This document also follows that system.

ESCAPEMENT GOALS

In 2005, (prior to the fishing season) the ADF&G salmon management and research staff reviewed previously established escapement goals for the KMA for each salmon species and recommended several be modified, or in some cases discontinued (Nelson et al. 2005). The directors of CFD and Sport Fisheries Division (SFD) elected to accept these recommended changes to the escapement goals. In 2006, the KMA commercial salmon fisheries were managed to achieve escapement levels that were within the established ranges, or in the case of chum salmon, that exceeded minimum goals for individual districts. A comparison of 2006 salmon escapements, by species, and the current escapement goals are depicted in Table 2.

SUPPLEMENTAL PRODUCTION

Two hatcheries located in the KMA currently produce salmon to supplement natural salmon production (Figure 2). The Kodiak Regional Aquaculture Association (KRAA) operates the Kitoi Bay and Pillar Creek hatcheries. The Kitoi Bay Hatchery, located on the east side of Afognak Island, produces primarily pink salmon; however, sockeye, chum, and coho salmon are also cultured (Schrof and Aro 2006). Outstocking (placing salmon in sites other than the hatchery) of juvenile coho and sockeye salmon fry occurs, but the majority of the salmon were intended to return to the hatchery for common property harvest (from 2003 through 2006, cost recovery fisheries also occurred at the Kitoi Bay Hatchery). Pillar Creek Hatchery, located north of the City of Kodiak, near Pillar Creek, which drains into Monashka Bay, is used primarily as an incubation facility for sockeye salmon outstocking projects, however Chinook and coho salmon were also reared at the facility (Schrof and Byrne 2006).

The Kodiak Regional Planning Team (KRPT) is a group consisting of representatives of ADF&G, KRAA, and the public, mandated by law (AS 16.10.375-470) to develop and amend comprehensive salmon production plans for salmon production in the KMA. The KRPT identified sockeye salmon as the priority species for supplemental production (KRPT 1992). Through the use of remote egg takes and hatchery incubation, sockeye salmon juveniles were being stocked to enhance future sockeye salmon harvests through “put-and-take” projects, broodstock development, and to restore systems with depleted runs (Honnold and Schrof 2001). Put and take projects involve placement of juvenile salmon at sites where they will return as adults and all will be harvested as there is nowhere for them to spawn. Sockeye salmon were stocked at Spiridon, Hidden, Crescent, Little Waterfall, and Big Waterfall lakes to produce harvest opportunities in small terminal fisheries near the outlets of these systems. Sockeye salmon are stocked for broodstock development in Little Kitoi Lake. Coho salmon were outstocked into Crescent Lake near the community of Port Lions, Katmai Lake on Spruce Island near the community of Ouzinkie, and Jennifer and Ruth lakes on Afognak Island to provide subsistence and commercial harvest opportunities at these locations.

The SFD, in conjunction with KRAA, has stocked juvenile coho salmon and Chinook salmon smolt to produce put-and-take sport fisheries and enhance sport fishing opportunities along the Kodiak road system. Chinook salmon smolt were stocked into Lake Rose Tead from 1977 through 1982 and 1984 through 1985, Island Lake near the city of Kodiak from 1989 through 1994, and fingerlings into Mission Lake in 1991 and Buskin River in 1995 and 1996. A smolt stocking project is ongoing and annual Chinook stocking of Monashka Creek began in 2002. Coho salmon fingerlings were stocked into Island, Mayflower, Dark, Mission, Pony,

Abacrombie and Potato Patch lakes near the city of Kodiak. Coho salmon smolt were stocked in Monashka Creek in some recent years, including 2006.

A long-term goal of the Kodiak Regional Comprehensive Salmon Plan was to increase the annual harvest of salmon (over and above the KMA wild salmon harvest) by an additional 3,000 Chinook, 1,700,000 sockeye, 383,000 coho, 11,500,000 pink, and 1,100,000 chum salmon by the year 2003 (KRPT 1992). To date, the peak years of supplemental production have produced an undetermined number of Chinook salmon and an estimated additional 796,359 sockeye, 209,259 coho, 13,497,351 pink, and 466,205 chum salmon to the annual harvest (Table 3).

NON-LOCAL SALMON IN THE KODIAK SALMON MANAGEMENT AREA

Salmon tagging studies have been conducted in the KMA to aid management of commercial fisheries. These studies were performed to determine the presence or absence of major stocks at a particular time and place and the average travel time through fishery management units, rather than to determine stock compositions. The earliest tagging study was conducted in 1927 (Rich and Morton 1929) and there were intermittent tagging studies through 1981 (Bevan 1959; Bowe 1941; Nicholson 1978; Simon et al. 1969; Tyler et al. 1986). Most tagging studies occurred along the south and west sides of the Kodiak Archipelago to study the migration of sockeye salmon traveling to the major systems of Kodiak Island (Karluk, Ayakulik, Upper Station, and Frazer). Some sockeye salmon tagging was done along the north and east sides of the archipelago (Tyler et al. 1986) and at the southwest end of the KMA, along the Alaska Peninsula near Wide Bay (Simon et al. 1969). Salmon migrating through KMA waters to the Chignik and Cook Inlet Management Areas were documented in some of those studies. Other tagging studies have documented the migration of salmon from Cook Inlet and South Alaska Peninsula waters to Kodiak Island waters (Eggers et al. 1987; Noerenberg and Calkins 1959).

Chinook salmon from Oregon, Washington, British Columbia, Southeast Alaska, and Cook Inlet origin have been documented in the KMA from coded wire tag (CWT) recoveries (Clark and Nelson 2001). CWT recovery projects were conducted in 1994, and 1997 through 1999. The majority of the non-local Chinook salmon documented by these studies were from British Columbia hatcheries, and it was concluded that there was only a low incidental harvest of Cook Inlet Chinook salmon. The only local Chinook salmon stock within the KMA that has been marked with CWT was hatchery produced Chinook salmon fry released into the Buskin River; no Kodiak wild stock Chinook salmon were marked with CWT prior to, during, or since this study.

The most recent attempts at estimating sockeye salmon stock composition within the KMA have involved studies that used scale pattern analysis, run timing, and analysis of shifts in average weights of commercial catches (Barrett and Nelson 1994; Barrett and Swanton 1992; Swanton and Nelson 1994; Vining and Barrett 1994).

COMMERCIAL SALMON FISHING

BACKGROUND AND GEAR TYPES

The salmon resources of the KMA have been exploited commercially for over 150 years (Roppel 1986). Commercial sockeye salmon harvest records date back to 1882 (Table 4). In 1974 a limited entry system was adopted by the State of Alaska that restricted the number of individuals allowed to participate in the commercial salmon fisheries (Rickey et al. 1975). There were 608

commercial salmon permits available in the KMA in 2006 (CFEC 2005; Table 5). The actual numbers of permits fished annually over the last 10 years (1996-2005) has averaged 357.

The KMA is one of 13 designated salmon net registration areas in the State of Alaska. Inseason management of the KMA commercial salmon fishery is structured around seven districts subdivided into 56 sections (Appendices A1-A8). These sections are occasionally subdivided further inseason to adjust fishing effort on unexpected salmon surpluses or deficits. Each section defines a traditional geographic harvest area, managed for specific stocks or traditional fishing patterns. Divisions of sections or groups of sections or districts that are opened or closed together are referred to as management units. The Alaska Board of Fisheries (BOF) has also designated five Special Harvest Areas (SHAs; 5 AAC 40.085, 2005) and one Terminal Harvest Area (THA; 5 AAC 18.378, 2005) within the KMA for the harvest of enhanced salmon fisheries (Wadle 2006).

In the KMA, there are restrictions on which gear types can operate in specific management units based on historical gear use patterns, which were formalized in regulation (ADF&G 2005a). The majority of the KMA is open to seine gear only. Both purse and beach seine gear are allowed to operate in the entire management area except for the Alitak Bay, Moser Bay, and Olga Bay sections of the Alitak District, where set gillnets are the only legal gear (5 AAC 18.330(d)(2), except after September 4, 2005). This management unit was designated set gillnet only prior to Alaska being granted statehood. In 1970 this rule was amended such that the Moser and Olga Bay Sections remained gillnet only prior to September 5. Seine gear is then legal in the entire Alitak District. The Dog Salmon Flats, Inner and Outer Akalura, and the Inner and Outer Upper Station sections are normally closed to commercial fishing. In the event of over escapement, gillnet only "mop up" fisheries can occur in these sections.

Gillnet and seine gear are allowed in the Central Section of the Northwest Kodiak District, making this the only section where all gear types may operate (5 AAC 18.330(b), 2005). Since 1974, the geographical areas currently open to specific gear types have remained relatively unchanged.

ESCAPEMENT MONITORING

The majority of sockeye salmon and all Chinook salmon escapement counts were obtained through the use of fish weirs (Tables 2, 6 and 7; Caldentey 2007). Weirs were used on six different spawning systems (Figure 2). In the KMA, salmon escapement passing through fish weirs was manually counted by species (Caldentey 2007). Escapement gates within the weir were closed when ADF&G personnel were not present to count. Escapement counts were transmitted daily from the weir locations to the Kodiak ADF&G office. These data allowed for precise stock-specific management. The remainder of the KMA sockeye salmon systems were monitored by aerial observation using small fixed-wing aircraft. Conversely, most pink, chum, and coho salmon escapement estimates are collected from fixed-wing aircraft surveys of bays and streams. Foot surveys were also conducted on a few streams, primarily along the Kodiak road system. Aerial and foot survey counts were considered an index of the actual escapement for use inseason to aid fishery management. A "peak indexed escapement" estimate was calculated postseason for all systems surveyed and, together with weir escapement data, an area-wide escapement estimate was made (Table 7).

Peak indexed escapement for sockeye, chum, and coho salmon is simply the highest daily aerial or foot survey count for each system for each year. For pink salmon, peak indexed escapement of

each stream surveyed is estimated as the larger of either the highest daily survey count or the sum of two counts which are 30 or more days apart. This is done to compensate for the longer stream life of pink salmon. Expansion of aerial or foot survey counts to estimate total run strength can be accomplished by various methods, and is done postseason by management staff. All escapement values in past Annual Management Reports are total counts from weirs plus peak index counts, and this document follows that methodology.

Additional preseason and inseason information on returning sockeye salmon run strength in the Alitak District (Frazer Lake and South Olga Lake stocks) was obtained from an ADF&G test fishery in Olga Narrows (Foster 2003). A 50-fathom gillnet was fished each day for a set time in a set location. Results were compared with past test fishery catch data versus actual salmon runs, to help estimate the number of salmon passing through Olga Narrows.

BOARD OF FISHERIES APPROVED REGULATORY MANAGEMENT PLANS

Ten BOF approved Management Plans (MP), which describe biological and allocative constraints, guide department staff when regulating commercial salmon fisheries. These plans are part of the Kodiak Area Commercial Salmon Fishery Regulations (ADF&G 2005a). Ten regulatory MPs were in effect for the KMA in 2006 (Table 8). These plans reflect traditional fishing opportunities and the subsequent harvest allocations that have resulted between and within gear types participating in specific fisheries.

Six MPs embody the harvest strategies that have developed over time to maintain the biological integrity of local salmon stocks and the allocative concerns of local KMA fishers. These plans include Alitak District Salmon MP, Westside Kodiak Salmon MP, Eastside Afognak MP, Eastside Kodiak Salmon MP, Mainland District Salmon MP and North Afognak/Shuyak Island Salmon MP. Two MPs, the Cape Igvak Salmon and the North Shelikof Strait Sockeye Salmon plans, affect Kodiak purse seine fisher's opportunity to target salmon migrating through the KMA to spawning systems in the Chignik and Cook Inlet Management Areas. The Crescent Lake Coho Salmon and Spiridon Bay Sockeye Salmon MPs allocate stocked salmon from put-and-take fisheries developed by the ADF&G and the KRAA.

SALMON FORECASTS

Preseason salmon forecasts were developed jointly by ADF&G management and research biologists. Chinook, coho, pink and chum salmon returns were predicted by broad geographic area, while individual forecasts were made for major sockeye salmon stocks. Projected harvests are estimated by fishery and geographic area (Eggers 2006; Table 9).

The forecasted 2006 commercial harvest of Chinook salmon was approximately 20,000 fish (Table 9). The sockeye salmon harvest was forecasted to be approximately 2,099,200 fish (Table 9). This projection included formal forecasts for the major sockeye salmon systems of Karluk, Upper Station, Ayakulik, Dog Salmon (Frazer Lake), plus estimated harvests from minor sockeye salmon systems, supplemental production (from enhancement projects), the Cape Igvak Section, and other miscellaneous systems. Preseason forecasts also predicted a harvest of 422,700 coho, 18,734,000 pink and 878,600 chum salmon. These estimates also included supplemental production of salmon from enhancement projects (Table 10).

2006 HARVEST STRATEGY

Salmon run timing by species within the KMA follows a general chronology (Figure 3). Generally, there are "early-run" sockeye salmon present throughout June to about mid-July, and "late-run"

sockeye salmon are present from mid-July through September. Chinook, pink and chum salmon are present from July through August. Coho salmon are generally present from August through October. Commercial salmon fisheries are structured around the seasonal abundance of specific salmon species.

Inseason management actions follow a generalized plan described in an annually issued "Harvest Strategy" (Wadle 2006). This harvest strategy details a specific chronology of management actions related to salmon run timing by species. Sockeye salmon are the primary species on which fisheries are targeted from June through early July. However, some early-run chum salmon stocks may influence management in localized areas. Pink salmon are the primary species managed for from early July through mid-August, with some areas managed specifically for local sockeye salmon or chum salmon stocks. Late-run sockeye, coho, and late-run chum salmon are the primary management species from mid-August through early September. Coho salmon are the primary species managed after early September.

The 2006 Kodiak Area Commercial Salmon Fishery Harvest Strategy, released in April 2006, outlined the approaching fishing season (Wadle 2006). This document contained a synopsis of the expected chronology of the 2006 commercial salmon fisheries by species, expected escapements and harvests, an overview of pertinent regulations, and a summary of the MPs that guide management throughout the season.

The 2006 harvest strategy listed June 1 as the initial opening date of the salmon fishery to target early-run sockeye salmon (Figure 3). The areas to be opened included the Central and North Cape sections of the Northwest Kodiak District and the Outer Karluk Section of the Southeast District. The results of this 57-hour commercial test fishery were used to evaluate the actual run strength of the Karluk and Ayakulik early-run sockeye salmon stocks. The SHAs of Foul and Waterfall bays were also slated to be opened on June 1. The Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, and Izhut Bay sections were slated to open to continuous fishing on June 5. The Malina Creek THA also was scheduled for a possible opening on that date if escapement exceeded desired levels. The Alitak District was scheduled to possibly open on June 5 if the run strength of early-run sockeye salmon to the Frazer and Upper Station systems was sufficiently strong. The intent was to allow harvest on the Upper Station early-run sockeye salmon before peak escapement into the Frazer system. The Alitak District would only open for 33 hours with no possible extensions. If the Chignik Lake sockeye salmon early run was as strong as expected, and the timing was as early as it has been the last few years, the first fishing period in the Cape Igvak Section could occur between June 5 and June 9.

An initial 33-hour opening was scheduled to start June 9 in the Anton Larsen, Sharatin Bay, Terror Bay, Inner Uganik Bay, Spiridon Bay, and Uyak Bay sections of the Northwest Kodiak District to test the run strength of the local chum and sockeye returns. A second fishing period was scheduled for June 14, but was to be concurrent with open fishing periods in the Central and North Cape sections. Additionally, more areas could be opened during the second period if sockeye salmon escapements to local minor systems were of sufficient strength. After June 10, additional fishing time in westside fisheries was to be based solely on the strength of the sockeye salmon runs, as determined by escapements.

Initial fishing periods in the Inner and Outer Ayakulik sections of the Southwest Kodiak District was solely dependent on sockeye salmon escapement into Ayakulik (Red) River and fishing periods in the Southeast Afognak Section of the Afognak District was solely dependent on the

sockeye salmon escapement into Afognak (Litnik) River. Based on the preseason forecast, (Eggers 2006) small harvestable surpluses were projected and if they occurred, would allow for short fisheries near the peak of the sockeye salmon runs.

Additional fishing periods were scheduled for June 14 and 21 for select systems with minor sockeye salmon returns. This period included the Eastside Kodiak District, the Northwest Afognak Section of the Afognak District and the Big River and Outer Kukak Bay sections of the Mainland District. These periods were intended to evaluate the strength of runs to Saltery, Ocean Beach, Thorsheim, Long Lagoon, Swikshak, and Kaflia Lake systems. Each of these periods were to be 33 hours long.

The initial fishing period targeting pink salmon was scheduled to begin July 6, and subsequent weekly fishing periods for July and August were projected (Wadle 2006). Based on the predicted pink and chum salmon run strength, the initial general pink salmon opening was set at 4.4 days (105 hours), with fishing periods following in July and August set at 4.4 days (105 hours) per week. However, in the Mainland District, the first three periods were scheduled to be only 2.4 days (57 hours) in length.

COST RECOVERY

KRAA conducted a cost recovery program in the 2006 KMA commercial salmon fishery (Schrof and Aro 2006). KRAA implemented six previous cost recovery programs during the years 1987 through 1989 and 2003 through 2005. The purpose was to raise funds for operations at the Kitoi Bay Hatchery. The MP set the cost recovery program dates at July 20 through August 31, and the harvest was intended to take place primarily within Inner Kitoi Bay Section.

SPECIFIC HARVEST INFORMATION

There are several regulatory management plans and harvest strategies that influence the management of the KMA salmon fisheries. The detailed prosecution of each of these management plans and summaries for the 2006 KMA salmon fisheries are described in Appendices C-K.

Appendix L1 depicts the 2006 commercial salmon harvest in the KMA, by week, for each management unit, for all gear types combined.

2006 COMMERCIAL SALMON FISHERY SUMMARY

The 2006 Kodiak commercial salmon fishery began on June 1 with a 33-hour fishing period in the Central and North Cape Sections of the Northwest Kodiak District and the Outer Karluk Section of the Southwest Kodiak District (Appendices B1 and B2). Prior to 2003, the first fishing period began on June 9. However, sockeye salmon run timing has been consistently earlier in recent years with most of the desired escapement through the Karluk River fish counting weir prior to the first commercial salmon fishing period. The early fishing period served as a commercial test fishery to evaluate the actual return strength of the Karluk, Ayakulik, Upper Station, and Frazer early-run sockeye stocks. SHAs of Foul Bay and Waterfall Bay also opened on June 1. Fisheries were extended over a 119-day period, with the last reported landing occurring on September 27 (Figure 3). A total of 16 shore-based plants processed salmon from the 2006 KMA fishery (Table 11).

GEAR

A total of 285 KMA commercial salmon fishing permits holders reported harvests in 2006. This was less than the 2005 season and below the recent 10-year (1996-2005) average of 357 permits (Table 5). Purse seine participation once again declined in 2006 with 131 active permits. For the first time since 2000, one beach seine permit holder was active during the season. Set gillnet participation in the 2006 KMA commercial salmon fishing season decreased (153 permits) from the 2005 season (165 permits). Set gillnet participation was below the recent 10-year average of 162 permits, primarily due to the lack of fishing time afforded set gillnetters in the Alitak District (Table 5).

HARVEST

A total of 34,932,959 salmon were harvested in the KMA commercial fisheries, which was much higher than the recent 10-year (1996-2005) average of 20,823,479 salmon (Table 4).

Seine fishers caught 88.6% (30,954,643) of the total number of salmon harvested (Table 12), which included 58.9% (933,833) of the sockeye, 90.1% (28,567,991) of the pink, and 87.8% (950,180) of the chum salmon harvest. Set gillnet fishers caught 11.4% (3,978,316) of the commercial salmon harvest (Table 12), which included 41.0% (649,983) of the sockeye 9.9% (3,125,356) of the pink, and 12.2% (131,809) of the chum salmon harvest.

CHINOOK SALMON

The Chinook salmon harvest (20,283) was more than the 1996-2005 average (18,466; Table 4) and slightly above forecast (20,000; Table 9). The average weight for Chinook salmon was 10.32 pounds (Table 12). The majority of the Chinook salmon harvest was taken by seine fishers during June and early July in the Southwest Afognak Section and the Northwest Kodiak District.

SOCKEYE SALMON

The sockeye salmon harvest (1,583,816; Table 4) was below forecast (2,099,200; Table 9) and below the 1996-2005 average catch (3,438,891; Table 4). The average weight for sockeye salmon was 5.11 pounds (Table 12).

COHO SALMON

The coho salmon harvest (553,524; Table 4) was above forecast (422,700; Table 9) and above the 1996-2005 average (376,737; Table 4). Average weight (7.80 pounds; Table 12) was similar to last year but slightly lower than other recent years. West side fisheries caught approximately 227,175 coho salmon (forecast 148,500; Table 9). The Eastside/Northend Kodiak catch was 81,746 coho salmon (forecast 51,300). The Afognak non-hatchery harvest included 39,259 coho salmon (forecast 40,500). The coho salmon harvest attributed to the Kitoi Bay Hatchery was 168,205 fish which was above the hatchery forecast of 152,700 (Table 9).

PINK SALMON

The pink salmon harvest (31,693,347; Table 4) was well above the forecasted harvest (18,734,000; Table 9) and more than double the most recent five even-year (1996-2004) average (15,049,046; Table 4). The average weight (3.70 pounds; Table 12) of the 2006 pink salmon catch was larger than in recent past year's harvest. The non-hatchery pink salmon harvest of 27,535,238 fish was more than double the harvest projection (12,350,000 fish), with Westside

Kodiak fishery² accounting for more than 60% of the estimated total (19,067,486 harvest, forecast 8,300,000). Fisheries associated with the Kitoi Bay Hatchery caught approximately 4,158,109 pink salmon (forecast 6,384,000; Table 9) but 2,316,965 of those fish (55.7%) were harvested as cost recovery for the Kitoi Bay Hatchery.

CHUM SALMON

The chum salmon harvest (1,081,989; Table 4) was above forecast (878,600; Table 9) and also above the 1996-2005 average (794,319; Table 4). Chum salmon average weight was 8.41 pounds (Table 12). Westside fisheries harvested 325,241 chum salmon (forecast 294,800; Table 9), Eastside/Northend Kodiak catches totaled 309,380 chum salmon (forecast 167,500), and Mainland catches totaled 187,139 chum salmon (forecast 134,000). The chum salmon harvest attributed to the Kitoi Bay Hatchery of 177,548 fish was less than the hatchery forecast of 208,600 (Table 9).

EXVESSEL VALUE

The estimated total exvessel value of the 2006 fishery was \$25,777,256 (Table 12), which was above the 1996-2005 average value of \$23,789,190 (Table 13). This exvessel value was based on inseason price estimates. The average price per pound, by gear and species, can be found in Table 12. The inseason values do not reflect additional payments made to fishers for dock deliveries or refrigerated or iced fish.

Purse seine fisher's gross earnings averaged \$157,080 (1996-2005 average \$90,945; Table 13). Gillnet fisher's gross earnings averaged \$27,732 (1996-2005 average \$40,624; Table 13).

COST RECOVERY

The KRAA began a cost recovery operation on August 1. The operation continued to harvest salmon through September 23. The majority of the salmon were harvested in the Inner Kitoi Bay Section and included 2,316,965 pink and 16,566 coho salmon. For the first time in the history of the cost recovery program there was an effort to target some coho salmon in September.

SALMON STOCK STATUS

In 2006 fish counting weirs were operated on the major systems of Karluk Lake (at Karluk Lagoon), Red Lake (at the Ayakulik River outlet), Frazer Lake (at the Dog Salmon River outlet and at the Frazer Lake fish pass), and South Olga Lakes (at the outlet of S. Olga Creek at Upper Station), and also on the smaller systems of Afognak Lake (at Litnik), and Buskin Lake (at Buskin River and also Lake Louise). (Caldentey 2007; Table 6, Figure 2). Indexed peak salmon escapement estimates by species and district are listed in Appendix M1. Indexed peak escapement estimates by species for individual streams are published in a separate escapement report (Caldentey 2007).

CHINOOK SALMON

In 2006, there were 3,106 Chinook salmon counted through the Ayakulik River weir (Caldentey 2007; Table 6), which was below the escapement goal range of 4,800-9,600 (Nelson et al. 2005). This was the lowest Chinook escapement since 1980 and the first time since 1982 that the

² From the Southwest Afognak Section (251-10 &20) and the Northwest Kodiak District (all 253s 7 254s-) except for the North Cape, Anton Larsen, Sharitin, and Kizhuyak sections and part of the Central Section (259-35 to 259-39).

escapement goal has not been achieved in the Ayakulik River. From 1997 through 2006, Ayakulik Chinook escapements have averaged 14,274 salmon (Caldentey 2007).

The Karluk River escapement of 4,112 Chinook salmon (Caldentey 2007; Table 6), was within the escapement goal range of 3,600-7,300 (Nelson et al. 2005). Recent Karluk River Chinook salmon runs have been fair to good. From 1997 through 2006, Karluk Chinook escapements have consistently met the escapement goal and averaged 8,252 Chinook salmon (Caldentey 2007).

There has been concern that large numbers of Karluk Chinook salmon were harvested during commercial fisheries in the Inner and Outer Karluk sections, which had lengthy fishery openings due to unusually early and strong Karluk sockeye salmon runs. However, the commercial harvest of Chinook salmon from the Inner and Outer Karluk sections has remained relatively low, especially in comparison to the early-run Karluk sockeye salmon. To address this concern in 2006, retention by seine gear of Chinook salmon, 28 inches or greater in length, was prohibited in the Inner and Outer Karluk sections from June 29 through July 16 (5 AAC 18.395, 2005).

Dog Salmon Creek has an introduced run of Chinook salmon and a total of 245 were counted through the Dog Salmon weir in 2006 (Caldentey 2007; Table 6). There is no escapement goal established for this system but escapements have averaged 422 since 1997.

SOCKEYE SALMON

Sockeye salmon escapements for major and selected minor systems were enumerated through the use of fish counting weirs (Table 6). Fish counted through weirs accounted for about 92% of all documented sockeye salmon escapements in 2006. A total of 909,899 sockeye salmon were counted through KMA weirs. Additional escapements of 74,759 sockeye salmon were estimated by aerial and foot surveys in other systems such as Pasagshak Lake, Saltery Lake, Kafia Lake, Uganik Lake, and Swikshak Lagoon (Caldentey 2007). Sockeye salmon escapements met or exceeded all currently established system escapement goals with the exception of early-run Upper Station, Ayakulik, and Pauls Bay stocks (Table 2). However due to budget constraints the weir project operated at Pauls Bay was discontinued after 2004 and the department's ability to verify escapements using aerial surveys is limited. A detailed listing of escapement estimates of specific systems can be found in a separate escapement report (Caldentey 2007).

COHO SALMON

Estimating coho salmon escapements to KMA streams can be difficult. Coho salmon often do not migrate into streams to spawn until late fall when rains cause the water levels to rise. The high waters create difficult survey conditions due to reduced stream water clarity. Coho salmon escapements continue until late in the year (often into November), and late-season escapement surveys are also limited by budget constraints. Coho salmon escapement goals were reevaluated prior to the 2005 season (Nelson et al. 2005). The result of this review was that most of the coho salmon goals were eliminated. Only four small streams in the Northeast Kodiak District have complete enough information to enable the establishment of escapement goals. They include the American, Pasagshak, Buskin and Olds rivers.

Many of the major and minor coho salmon streams have weirs. Coho salmon counted into systems with weirs account for 44% of the documented coho salmon escapement. In the limited systems surveyed, coho salmon escapements appeared good, with the aggregated KMA escapement estimate of 64,864 fish (Table 7).

PINK SALMON

The majority of pink salmon escapements were monitored by aerial survey, with only approximately 33% of the 2006 pink salmon escapement being counted through salmon weirs. The 2006 pink salmon escapement of 5,086,372 fish for the Kodiak Island Archipelago was slightly above the even-year escapement goal of 2,000,000 to 5,000,000 fish (Table 2; Nelson et al. 2005). The Mainland District pink salmon escapement of 778,200 fish was also above the escapement goal range of 250,000 to 750,000 fish (Table 2; Nelson et al. 2005). District-wide escapements can be found in Appendix M1.

CHUM SALMON

KMA district chum salmon escapement goals were modified from a desired range to a minimum threshold escapement after a recent review by ADF&G salmon management and research staff (Nelson et al. 2005). The majority of chum salmon 2006 escapement estimates were the result of aerial surveys, with less than 2% of the 2006 chum escapement being enumerated through salmon weirs. Aerial estimates of chum salmon are subject to greater error than pink salmon counts in the KMA. Chum salmon migrate into small sloughs and side creeks as well as into major river systems, and also may occupy more turbid systems, making observations difficult. Several major KMA chum salmon systems along Kodiak's west side or along the Alaska Peninsula are very remote, limiting aerial observations. Aerial survey counts of chum salmon for the KMA are considered minimum estimates of actual escapement.

The 2006 chum salmon escapements in the Mainland, Northeast Kodiak, Eastside Kodiak and Southwest Kodiak districts exceeded minimum escapement thresholds (Nelson et al. 2005; Table 2). The Northwest Kodiak and Alitak district chum salmon escapements were not above minimum escapement thresholds (Table 2).

NON-COMMERCIAL SALMON HARVESTS

SUBSISTENCE SALMON FISHERY

Subsistence salmon permits, available only to Alaska state residents, are issued annually to obtain harvest data. Since 1989, Kodiak ADF&G staff has mailed out permits, regulations, and a map showing closed water areas, to all permit holders from the previous year that returned their harvest report. Subsistence fishers are requested to return their permits to ADF&G after the salmon season, listing areas fished by date and salmon harvest by species. With few restrictions, the entire KMA was open to subsistence salmon fishing (ADF&G 2005b). Only the freshwater systems of Afognak Island (which are relatively small, easily accessible, and at risk of overexploitation) and some areas near heavily exploited salmon systems were closed to subsistence salmon fishing (5 AAC 01.525, 2005).

During the years 2002 through 2004, there was a joint management effort of the Kodiak ADF&G and United States Fish and Wildlife Service (USFWS) to close the Litnik sockeye salmon subsistence fishery by emergency order made necessary by weak runs and lack of escapement. For the second year since 2001, the 2006 Afognak Lake sockeye salmon run was strong enough to allow a limited subsistence harvest. However the 2006 run was not large and it was necessary to expand closed waters in Afognak Bay from July 1 through July 25 to conserve enough sockeye salmon to achieve the minimum escapement goal.

The 2006 subsistence harvest data were not yet summarized at the time this report was drafted; however, most (85%) of the 2005 subsistence permits have been returned and summarized. In 2005, the reported subsistence harvest was 38,562 salmon. Subsistence fishers reported harvesting 434 Chinook, 27,505 sockeye, 7,681 coho, 2,350 pink and 592 chum salmon (Table 14). Historically, the most utilized subsistence fishery areas include the north end of Kodiak Island, the Buskin and Pasagshak rivers, and the southeast side of Afognak Island at Litnik (Figure 2). Reported subsistence salmon harvests averaged 37,990 fish annually for the 10-year period 1996-2005 (Table 14). Sockeye salmon have accounted for 78% of the recent 10-year average harvest (29,816), followed by coho salmon at 16% (5,992), pink salmon at 4% (1,429), and both chum (361), and Chinook salmon (392) at close to 1%.

RETENTION OF SALMON TAKEN IN COMMERCIAL FISHERIES

In 1994 the BOF readopted Alaska Statute 5 AAC 39.010, which allowed commercial fishermen to retain legally harvested salmon for their own use. In the KMA commercial fishermen are required to report the number of salmon taken but not sold on an ADF&G fish ticket at the time of landing (5 AAC 18.355 (b), 2005). In 1997, 10 permit holders reported 784 salmon retained for their own use (Table 15). This use increased dramatically in 2003, when 36 permit holders retained 24,985 salmon (Table 15). Many salmon were “custom processed” at local processors, normally as vacuum-packed, frozen fillets. It was reported that these salmon were destined for sale as part of direct marketing efforts.

Because of the significant increase of retained salmon and the likelihood that some of these salmon were being sold illegally, the BOF discussed this issue in December of 2003. The original regulation (5 AAC 18.355(b)) was rewritten to clarify the intent and to reiterate the unlawful practice of selling commercially retained salmon without appropriate permits. The board also placed the regulation under General Provisions in commercial salmon regulation books to more closely match the user group. The regulation was numbered 5 AAC 39.010 and reads as follows: “*A person engaged in commercial fishing may retain finfish from lawfully taken commercial catch for that person's own use, including, for the use as bait in a commercial fishery. Finfish retained under this section may not be sold or bartered.*”

In 2006, thirty-one permit holders reported retaining 5,596 salmon from their commercial harvest for personal use. This included 100 Chinook, 1,442 sockeye, 2,786 coho, 1,140 pink and 128 chum salmon (Table 15).

SALMON SPORT FISHERY

Since the early 1980s recreational and commercial sport fishing activities have increased, particularly in the more remote areas of the KMA (Schwarz et al. *In prep*; Table 16). Commercial sport activity includes lodge operations, charter vessels, guiding, and directed air charter flights. Many charter boat operations are based out of the City of Kodiak, and the number of charter boat operations has been increasing. Remote lodges are currently being operated at Karluk Lagoon, Ayakulik River, Olga Bay, Larsen Bay, Old Harbor, Saltery Lake, Port Lions, Port Bailey, Raspberry Strait, Seal Bay, Port Williams, Zachar Bay, Uyak Bay, Ugak Bay, Uganik Bay, and Kukak Bay. Floating cabins are located in Karluk Lagoon and Paramanof Bay. Air charter operations from Kodiak and Homer bring sport fishers to KMA streams, as do aircraft from sport fishing lodges in Bristol Bay, the Alaska Peninsula, and the Kenai Peninsula. Fly-in sport fishing areas include virtually all KMA Chinook and sockeye salmon systems, and most major coho salmon systems.

The ADF&G Sport Fish Division manages sport fishing activities. The KMA sport fishery salmon harvest is estimated by an annual Sport Fish Division statewide mail-out survey. The sport fish harvest statistics are compiled by sport fish regulatory area, which do not correspond to commercial fishery area boundaries. Kodiak Archipelago sport fishery statistics are compiled, but the fisheries that occur in the Mainland District are combined with north and south Alaska Peninsula and Aleutian Island area statistics. Table 16 depicts estimated sport fishery salmon harvests from 1977 to 2005. The estimated sport fish harvest in 2005 in the Kodiak Archipelago was 9,300 Chinook, 10,375 sockeye, 42,950 coho, 11,500 pink and 780 chum salmon (Jennings et al. *In prep*). The 2006 survey data are still being collected and are not available.

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TABLES AND FIGURES

Table 1.-Estimated number of anadromous streams with documented salmon production by district, and species, in the Kodiak Management Area.

Management District	Number of Streams ^a	Number of Streams with Each Species ^b				
		Chinook	Sockeye	Coho	Pink	Chum
Afognak	102	0	13	48	102	5
Northwest Kodiak	63	0	4	22	63	23
Southwest Kodiak	11	2	2	10	11	6
Alitak	30	1	5	15	30	14
Eastside Kodiak	116	1	8	32	116	47
Northeast Kodiak	26	0	1	20	26	9
Mainland	92	0	6	27	92	46
TOTAL	440	4	39	174	440	150

^a The State of Alaska's Habitat Division identifies over 800 streams in the Kodiak Management Area that have documented use by anadromous fish (ADF&G 1993). Many of these streams are very small and may only be used by pink salmon in years with very large returns. The streams identified in this table are depicted on the Kodiak Area Salmon Statistical Map (Revised May 2006), and have documented annual use.

^b These estimates are based on current knowledge and are expected to change as more system specific data are collected.

Table 2.-Comparison of 2006 salmon peak escapements and escapement goals of index streams, by species, in the Kodiak Management Area.

<i>Species</i>	Stream	Escapement Goal		Escapement
System (or group of systems)	Number	Lower	Upper	Estimate ^a
<i>Chinook</i>				
Karluk	255-101	3,600	7,300	4,112
Ayakulik	256-201	4,800	9,600	3,106
<i>Sockeye</i>				
Malina	251-105	1,000	10,000	6,400
Pauls	251-831	10,000	30,000	150
Afognak	252-342	20,000	50,000	22,933
Karluk	255-101			
	Early run	100,000	210,000	200,641
	Late run	170,000	380,000	289,732
Ayakulik	256-201	200,000	500,000	87,780
Upper Station	257-304			
	Early run	30,000	65,000	24,997
	Late run	120,000	265,000	153,153
Frazer	257-403	70,000	150,000	89,516
Buskin	259-211	8,000	13,000	17,734
Pasagshak	259-411	3,000	12,000	6,300
Saltery	259-415	15,000	30,000	28,000
<i>Coho</i>				
Buskin	259-211	3,200	7,200	13,348
American	259-231	400	900	2,033
Olds (Sid Olds)	259-242	1,000	2,200	1,912
Pasagshak	259-411	1,200	3,300	133
<i>Pink</i>				
index streams of the Mainland District		250,000	750,000	778,200
index streams of the Kodiak Archipelago		2,000,000	5,000,000	5,086,372
<i>Chum</i>				
index streams of the N.W. Kodiak District		53,000		41,800
index streams of the S.W. Kodiak District		7,300		21,423
index streams of the Alitak District		28,000		25,227
index streams of the Eastside Kodiak District		50,000		333,600
index streams of the N.E. Kodiak District		9,000		17,859
index streams of the Mainland District		153,000		346,140

^a Escapement estimates in this table are based on the best available information. Some estimates are weir counts. If weir counts are not available either peak aerial or foot survey counts are depicted. In some cases (such as Pauls Bay, for example) the escapement estimate available is a minimal count based on limited information.

Table 3.-Estimated commercial harvest of salmon from Kodiak Regional Aquaculture Association projects in the Kodiak Management Area, 1994-2006.

Year	Number of Salmon ^a				
	Sockeye	Coho	Pink	Chum	Total
1994	277,884	46,984	2,051,375	10,799	2,387,042
1995	186,371	42,235	4,519,885	215,351	4,963,842
1996	487,900	57,200	979,143	14,189	1,538,432
1997	248,336	110,334	1,213,615	11,029	1,583,314
1998	315,109	148,333	6,272,029	38,118	6,773,589
1999	582,218	116,513	4,057,093	140,896	4,896,720
2000	287,387	133,238	3,659,698	303,783	4,384,106
2001	244,761	151,732	13,126,761	216,266	13,739,520
2002	565,422	209,259	6,696,774	88,724	7,560,179
2003	796,359	144,389	5,533,522	466,205	6,940,475
2004	266,150	128,291	3,962,421	239,610	4,596,472
2005	206,238	152,066	13,497,351	91,169	13,946,824
2006	114,088	168,921	4,159,232	177,620	4,619,861
<u>Average</u>					
1996-2005	399,988	135,136	5,899,841	160,999	6,595,963

Source: Honnold and Schrof (2001) and ADF&G fish ticket summaries.

^a Includes harvests from fisheries targeting returns to the Kitoi Bay Hatchery and Special Harvest Areas (SHAs). The Kitoi Bay Hatchery harvests are from the Izhut Bay, Duck Bay, and Kitoi Bay Sections (statistical areas 252-30 to -32). SHA harvests are from the returns to the Spiridon Lake project (in the Spiridon Bay SHA, 254-50, and adjacent Sections), the Foul Bay SHA (251-41), the Waterfall Bay SHA (251-84), and the Settlers Cove SHA (259-35). Also includes fish set aside for personal use during commercial harvest.

Table 4.-Commercial salmon harvest by species in the Kodiak Management Area, 1882-2006.

Year	Number of Salmon					Total ^a
	Chinook ^a	Sockeye ^a	Coho ^a	Pink ^a	Chum ^a	
1882		58,800				58,800
1883		188,706				188,706
1884		282,184				282,184
1885		468,580				468,580
1886		646,100				646,100
1887		1,004,500				1,004,500
1888		2,781,100				2,781,100
1889		3,754,735				3,754,735
1890		3,592,707				3,592,707
1891		3,846,388				3,846,388
1892		3,126,459				3,126,459
1893		3,244,609				3,244,609
1894		3,830,336				3,830,336
1895		2,246,966	8,321			2,255,287
1896		3,328,846				3,328,846
1897		2,785,515	1,500			2,787,015
1898		2,033,094	19,175			2,052,269
1899	1,104	1,934,771	32,475			1,968,350
1900	4,838	3,450,480	32,239			3,487,557
1901	3,838	4,826,159		2,015		4,832,012
1902	2,932	3,868,101	34,972			3,906,005
1903	1,187	1,826,163	119,541	10,000		1,956,891
1904	3,190	2,875,118	103,136	5,180		2,986,624
1905	2,496	2,142,367	86,913			2,231,776
1906	3,640	3,980,462	23,738			4,007,840
1907	4,015	4,232,454	38,059			4,274,528
1908	3,028	2,487,848	73,789	286,374		2,851,039
1909	3,907	1,915,230	51,500	153,595		2,124,232
1910	1,598	1,954,717	44,291	215,382		2,215,988
1911	689	2,685,949	21,870	229,551	6,492	2,944,551
1912	686	2,246,467	17,491	547,171	24,588	2,836,403
1913	1,082	1,663,163	27,634	590,039	3,822	2,285,740
1914	1,329	1,255,444	32,063	1,726,411	13,094	3,028,341
1915	939	1,664,426	51,819	252,073	20,331	1,989,588
1916	1,038	3,373,055	49,683	3,181,890	28,962	6,634,628
1917	1,457	3,645,914	30,485	225,335	15,961	3,919,152
1918	2,021	1,894,466	78,169	2,467,325	81,699	4,523,680
1919	1,831	1,619,101	104,233	282,715	60,102	2,067,982
1920	1,637	1,957,636	88,970	1,977,421	55,175	4,080,839
1921	660	2,857,922	45,764	67,688	24,779	2,996,813
1922	703	1,097,359	119,724	2,766,257	223,970	4,208,013
1923	1,915	1,090,117	77,554	928,510	38,653	2,136,749
1924	1,002	1,407,525	120,686	5,435,091	117,883	7,082,187
1925	1,911	1,693,057	92,960	2,673,675	212,492	4,674,095
1926	596	3,015,366	174,475	4,606,694	324,706	8,121,837
1927	4,358	1,155,202	151,548	5,297,305	417,956	7,026,369
1928	2,546	1,592,003	290,645	1,535,313	726,480	4,146,987
1929	3,200	712,126	144,226	6,108,402	1,057,662	8,025,616
1930	4,991	466,409	228,800	1,651,398	419,011	2,770,609

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Table 4.-Page 2 of 3.

Year	Number of Salmon					Total ^a
	Chinook ^a	Sockeye ^a	Coho ^a	Pink ^a	Chum ^a	
1931	1,541	1,183,074	170,075	6,839,906	183,737	8,378,333
1932	1,873	1,058,446	52,192	4,719,939	237,023	6,069,473
1933	1,140	1,428,373	91,428	6,573,660	536,935	8,631,536
1934	1,300	1,828,953	89,588	7,641,891	661,341	10,223,073
1935	1,393	1,613,519	76,849	10,780,612	381,753	12,854,126
1936	2,548	2,657,195	183,903	5,647,726	328,218	8,819,590
1937	1,257	1,881,304	164,902	16,787,150	346,238	19,180,851
1938	1,232	1,965,943	154,959	8,397,981	640,119	11,160,234
1939	2,272	1,786,445	112,171	11,741,218	641,693	14,283,799
1940	1,233	1,318,233	148,016	9,997,899	673,265	12,138,646
1941	2,571	1,730,201	199,515	7,601,531	444,521	9,978,339
1942	1,329	1,281,529	106,865	6,092,526	564,924	8,047,173
1943	1,133	1,990,557	59,661	12,479,608	454,205	14,985,164
1944	668	1,817,875	51,675	4,955,354	506,703	7,332,275
1945	2,021	2,041,090	60,122	9,044,544	559,332	11,707,109
1946	129	838,863	56,425	9,545,871	298,486	10,739,774
1947	99	993,394	76,230	8,856,666	294,518	10,220,907
1948	1,401	1,260,465	32,364	5,968,487	330,795	7,593,512
1949	851	892,336	53,737	4,927,779	699,548	6,574,251
1950	2,127	920,885	40,653	5,304,701	685,109	6,953,475
1951	2,402	467,875	48,792	2,100,377	483,057	3,102,503
1952	1,081	603,677	51,567	4,576,726	1,243,227	6,476,278
1953	2,991	317,150	41,681	5,174,645	547,574	6,084,041
1954	942	325,157	66,430	8,439,231	1,250,833	10,082,593
1955	2,428	164,482	34,582	10,794,164	482,425	11,478,081
1956	1,123	271,249	52,844	3,318,841	705,047	4,349,104
1957	1,030	234,253	34,995	4,716,482	1,208,472	6,195,232
1958	1,942	288,014	20,555	4,038,938	930,698	5,280,147
1959	1,837	330,087	14,512	1,967,058	733,784	3,047,278
1960	1,238	362,525	54,308	6,737,817	1,300,386	8,456,274
1961	864	407,979	28,579	3,926,023	518,935	4,882,380
1962	1,095	784,664	54,583	14,113,851	794,727	15,748,920
1963	286	407,040	57,011	5,480,158	305,061	6,249,556
1964	1,306	498,488	35,535	12,044,341	1,134,163	13,713,833
1965	786	346,237	26,672	2,886,831	431,340	3,691,866
1966	599	631,646	67,700	10,755,582	762,766	12,218,293
1967	1,753	308,756	10,354	187,813	226,681	735,357
1968	1,936	760,393	56,629	8,768,122	750,428	10,337,508
1969	2,469	591,481	48,759	12,500,823	534,933	13,678,465
1970	1,089	917,045	66,421	12,035,549	919,102	13,939,206
1971	920	478,479	22,844	4,334,492	1,541,444	6,378,179
1972	1,300	222,408	16,587	2,478,064	1,163,426	3,881,785
1973	800	167,341	3,573	511,708	317,921	1,001,343
1974	545	418,761	13,631	2,647,196	249,294	3,329,427
1975	101	136,418	23,659	2,942,801	84,431	3,187,410
1976	766	641,484	23,714	11,077,992	740,495	12,484,451
1977	585	623,468	27,920	6,252,405	1,072,313	7,976,691
1978	3,228	1,071,782	48,795	15,004,065	814,345	16,942,215

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Table 4.-Page 3 of 3.

Year	Number of Salmon					Total ^a
	Chinook ^a	Sockeye ^a	Coho ^a	Pink ^a	Chum ^a	
1979	1,907	630,756	140,629	11,285,809	358,336	12,417,437
1980	529	651,394	139,154	17,290,615	1,075,557	19,157,249
1981	1,418	1,288,949	121,544	10,336,747	1,345,313	13,093,971
1982	1,214	1,203,787	344,823	8,089,780	1,262,587	10,902,191
1983	3,839	1,231,989	157,612	4,603,371	1,085,165	7,081,976
1984	4,657	1,950,439	229,524	10,844,293	649,092	13,678,005
1985	4,970	1,842,731	284,166	7,334,825	430,757	9,897,449
1986	4,381	3,188,046	168,690	11,807,727	1,134,372	16,303,216
1987	4,613	1,794,224	192,433	4,920,365	680,994	7,592,629
1988	22,374	2,698,349	303,267	14,262,355	1,426,400	18,712,745
1989 ^a	106	1,289,511	2,599	6,825,124	19,972	8,137,312
1990	18,808	5,247,569	293,819	5,983,812	577,748	12,121,756
1991	22,234	5,702,754	324,860	16,642,836	1,029,057	23,721,741
1992	24,299	4,166,762	280,085	3,310,639	679,540	8,461,325
1993	41,029	4,377,523	313,467	34,019,390	588,328	39,339,737
1994	22,576	2,876,878	296,311	8,162,564	738,851	12,097,180
1995	18,704	4,487,568	307,795	42,849,294	1,522,786	49,186,147
1996	13,071	4,968,954	201,836	3,486,930	543,729	9,214,520
1997	18,728	2,503,423	381,005	11,035,023	520,264	14,458,443
1998	17,341	3,623,031	425,143	22,062,465	316,107	26,444,087
1999	18,299	4,650,738	296,979	11,898,307	913,817	17,778,140
2000	12,293	2,905,403	332,998	9,927,374	1,194,414	14,372,482
2001	23,827	2,657,601	407,977	19,567,052	1,053,691	23,710,148
2002	19,263	1,824,848	496,073	18,327,818	650,144	21,318,146
2003	18,531	4,041,886	339,457	14,065,615	1,151,757	19,617,246
2004	28,899	4,165,880	489,871	21,440,641	1,121,855	27,247,146
2005	14,411	3,047,142	396,030	30,139,434	477,416	34,074,433
2006	20,283	1,583,816	553,524	31,693,347	1,081,989	34,932,959
Averages^b						
1996-2005	18,466	3,438,891	376,737	16,195,066	794,319	20,823,479
Even Years, 1996-2004				15,049,046		
Odd Years, 1997-2005				17,341,086		
1882-2006	5,032	1,823,982	130,595	7,844,835	612,628	9,907,248
1948-2006	7,661	1,640,767	162,053	10,368,991	802,980	12,982,451
Even Years, 1948-2006				11,214,281		
Odd Years, 1949-2005				11,053,909		

Source: 1882-1947 data are from processors case pack information. 1948-2006 data are from ADF&G fish ticket summaries and are considered more accurate than previous data.

^a Harvest numbers do not include subsistence or test fishery catches or commercially caught fish retained for personal use.

^b Averages do not include 1989. Commercial fisheries were severely limited due to the M/V Exxon Valdez oil spill.

Table 5.-Summary of limited entry permit activity in the commercial salmon fishery, by gear type, in the Kodiak Management Area, 1975-2006.

Year	Purse Seine		Beach Seine		Set Gillnet		Total		Percent
	Available	Fished	Available	Fished	Available	Fished	Available	Fished	
1975	468	280	26	8	229	116	723	404	56
1976	394	325	23	17	187	140	604	482	80
1977	378	336	32	24	186	147	596	507	85
1978	389	372	34	29	188	160	611	561	92
1979	387	362	34	28	186	164	607	554	91
1980	387	370	35	33	187	168	609	571	94
1981	387	325	35	30	187	169	609	524	86
1982	386	345	35	30	187	170	608	545	90
1983	383	342	35	27	188	174	606	543	90
1984	384	296	35	25	188	168	607	489	81
1985	384	270	35	21	188	169	607	460	76
1986	385	287	35	14	187	174	607	475	78
1987	386	297	35	18	188	173	609	488	80
1988	387	323	35	21	188	179	610	523	86
1989 ^a	387	7	35	0	189	86	611	93	15
1990	388	354	35	21	189	184	612	559	91
1991	388	348	35	17	189	185	612	550	90
1992	387	335	35	12	189	178	611	525	86
1993	387	324	36	9	190	176	613	509	83
1994	387	285	36	5	190	169	613	459	75
1995	386	312	36	8	189	173	611	493	81
1996	384	261	36	6	189	172	609	439	72
1997	384	261	36	5	188	174	608	440	72
1998	384	217	36	2	188	171	608	390	64
1999	384	220	36	4	188	173	608	397	65
2000	384	223	36	2	188	173	608	398	65
2001	385	182	36	0	184	172	605	354	59
2002	384	149	36	0	188	93	608	242	40
2003	384	145	36	0	188	160	608	305	50
2004	384	141	36	0	188	164	608	305	50
2005	384	136	36	0	188	165	608	301	50
2006	384	131	36	1	188	153	608	285	47
<u>Average - Previous 10 Years:</u>									
1996-2005	384	194	36	2	188	162	608	357	59
<u>Average - Previous Decades:</u>									
1990-1999	386	292	36	9	189	176	611	476	75
1980-1988	385	317	35	24	188	172	608	513	85
1975-1979	403	335	30	21	195	145	628	502	81
<u>Average^a - Overall:</u>									
1975-2006	388	276	35	13	189	165	612	454	74

Source: Commercial Fisheries Entry Commission Summary Information and Reports (CFEC 2006) and ADF&G fish ticket summaries.

^a Commercial fisheries were severely restricted in 1989 due to the M/V *Exxon Valdez* oil spill. 1989 data are not included in averages.

Table 6.-Fish weir installation and removal dates and salmon escapements for systems with weirs in the Kodiak Management Area, 2006.

Weir Locations	Dates		Species ^a					Totals
	Installed	Removed	Chinook	Sockeye	Coho	Pink	Chum	
1. Karluk River	5/27	9/24	4,112	490,373	15,225	1,019,283	18	1,529,011
2. Ayakulik River	5/19	8/16	3,106	87,780	89	539,815	5	630,795
3. Dog Salmon River	5/27	8/18	245	108,343	885	171,811	14,527	295,811
4. Frazer Lake fish pass ^b	6/3	8/30	59	89,516	0	447	0	90,022
5. Upper Station	5/21	9/13	6	178,150	4,855	9,295	0	192,306
6. Buskin River	5/17	9/21	0	17,734	13,348	220,438	159	251,679
7. Lake Louise	6/4	8/30	0	4,586	0	2,245	0	6,831
8. Afognak River-Litnik	5/15	8/5	4	22,933	312	9,235	11	32,495
Totals			7,473	909,899	34,714	1,972,122	14,720	2,938,928

^a Counts include post weir estimates after weirs were removed.

^b Fish counted at the Frazer Lake fish pass were initially counted at the Dog Salmon weirs and are not included in totals.

Table 7.-Indexed salmon escapements, by species, in the Kodiak Management Area, 1975-2006.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1975	3,059	704,801	29,634	1,100,555	156,761	1,994,810
1976	8,413	1,075,226	36,083	3,105,320	312,914	4,537,956
1977	13,804	1,269,374	59,095	2,212,488	742,384	4,297,145
1978	14,677	1,000,353	37,479	5,006,273	482,956	6,541,738
1979	14,445	1,410,800	93,940	3,067,647	607,430	5,194,262
1980	5,853	1,831,748	27,290	6,492,822	830,070	9,187,783
1981	15,657	1,391,593	58,729	3,188,869	741,981	5,396,829
1982	10,773	1,603,692	86,402	5,370,049	1,023,923	8,094,839
1983	27,445	1,304,233	101,950	2,090,104	824,754	4,348,486
1984	14,411	1,467,730	123,779	4,520,344	682,936	6,809,200
1985	13,877	2,554,067	191,406	3,204,316	723,390	6,687,056
1986	11,046	2,001,279	170,000	4,068,615	655,817	6,906,757
1987	23,744	1,551,543	153,000	2,978,510	641,579	5,348,376
1988	35,152	1,661,532	96,140	3,236,931	558,531	5,588,286
1989 ^a	26,131	3,022,886	166,622	14,642,587	1,432,609	19,290,835
1990	25,972	2,006,241	151,420	6,024,900	474,620	8,683,153
1991	27,306	2,515,659	259,850	4,317,610	934,336	8,054,761
1992	19,013	1,968,058	289,592	3,515,624	530,128	6,322,415
1993	22,113	1,705,440	159,996	4,291,581	234,381	6,413,511
1994	21,591	2,041,511	206,418	3,994,020	545,391	6,808,931
1995	30,843	1,840,112	231,175	10,498,232	469,856	13,070,218
1996	21,089	1,813,256	189,618	3,351,011	394,784	5,769,758
1997	28,534	1,787,611	225,938	3,217,075	454,980	5,714,138
1998	24,654	1,775,759	234,734	7,088,975	374,456	9,498,578
1999	26,872	2,119,169	133,398	4,081,686	882,257	7,243,382
2000	31,400	1,599,000	124,200	4,501,800	908,900	7,165,300
2001	18,753	1,580,660	244,360	3,393,620	557,925	5,795,318
2002	20,115	1,621,090	168,271	8,396,402	530,591	10,736,469
2003	25,538	2,220,092	122,824	5,096,962	380,523	7,845,939
2004	32,939	1,836,091	71,456	8,786,518	533,091	11,260,095
2005	13,488	1,529,881	107,764	3,914,608	244,255	5,809,996
2006	7,473	984,658	64,864	5,864,572	787,549	7,709,116
<u>Average - Previous 10 Years:</u>						
1996-2005	24,338	1,788,261	162,256	5,182,866	526,176	7,683,897
Odd Years Only				3,940,790		
Even Years Only				6,424,941		
<u>Average - Previous Decades:</u>						
1990-1999	24,799	1,957,282	208,214	5,038,071	529,519	7,757,885
1980-1989	18,409	1,839,030	117,532	4,979,315	811,559	7,765,845
1975-1979	10,880	1,092,111	51,246	2,898,457	460,489	4,513,182
<u>Average - Overall:</u>						
1975-2006	19,881	1,712,348	138,045	4,831,895	614,252	7,316,420

Note: Data include peak counts from aerial and foot surveys, plus end of season totals from weired systems.

^a Commercial fisheries were severely restricted in 1989 due to the M/V Exxon Valdez oil spill.

Table 8.-Alaska Board of Fisheries approved salmon management plans for the Kodiak Management Area, 2006.

Management Plan	Year Initiated	Management Units Affected	Dates in Effect
Cape Igvak Salmon	1978	Cape Igvak Section Wide Bay Section	6/5 - 7/25
Alitak District Salmon	1987	Alitak District	6/5 - 10/31
Westside Kodiak Salmon	1990	NW Kodiak District SW Kodiak District SW Afognak Section	6/9 - 10/31
North Shelikof Strait Sockeye Salmon	1991	SW Afognak Section NW Afognak Section Shuyak Island Section Big River Section Hollo Bay Section Inner and Outer Kukak Bay Sections Dakavak Bay Section	7/6 - 7/25
Crescent Lake Coho Salmon	1990	Special Harvest Area in the Central Section near Port Lions	7/15 - 10/31
Spiridon Bay Sockeye Salmon	1993	Special Harvest Area in Spiridon Bay Section	6/9 - 10/31
Eastside Afognak Salmon	1993	Southeast Afognak Section Kitoi Bay Section Izhut Bay Section Duck Bay Section Raspberry Strait Section	6/9 - 10/31
Eastside Kodiak Salmon	1995	Eastside Kodiak District NE Kodiak District	6/14 - 10/31
Afognak Shuyak Salmon	1995	Perenosa Bay Section Shuyak Island Section NW Afognak Section	6/1 - 10/31
Mainland District Salmon	1999	Mainland District	6/14 - 10/31

Table 9.-Projected versus actual 2006 commercial salmon harvest, by species and fishery, for the Kodiak Management Area.

	Chinook	Sockeye	Coho	Pink	Chum	Total
Projected Harvest 2006 ^a	20,000	2,099,200	422,700	18,734,000	878,600	22,154,500
Actual Harvest 2006 ^b	20,283	1,583,816	553,524	31,693,347	1,081,989	34,932,959

FISHERY	2006 Harvest	
	Projection ^c	Actual ^b
Early Sockeye Salmon Fisheries (6/1-7/15)		
Kitoi Bay Hatchery ^d	24,100	15,034
Cape Igvak ^e	143,300	25,608
Karluk ^f	314,000	626,242
Ayakulik ^g	70,500	0
Alitak Bay District ^h	189,000	8,151
Minor Systems ⁱ	38,000	15,956
Minor Enhancement ^j	10,900	1,181
Spiridon ^k	107,900	52,405
Other	83,900	36,389
Subtotal	981,600	780,966
Late Sockeye Salmon Fisheries (7/16-10/31)		
Kitoi Bay Hatchery ^d	16,000	8,788
Cape Igvak ^e	0	20,874
Karluk ^f	876,000	556,693
Ayakulik ^g	23,500	17,142
Alitak Bay District ^h	97,000	78,135
Minor Systems ⁱ	12,000	4,218
Spiridon ^k	53,100	36,460
Other	40,000	80,540
Subtotal	1,117,600	802,850
TOTAL SOCKEYE	2,099,200	1,583,816
Pink Salmon Fisheries		
Kitoi Bay Hatchery ^d	6,384,000	4,158,109
Afognak (non-hatchery) ^l	1,100,000	801,798
Westside Kodiak ^m	8,300,000	19,067,486
Alitak ⁿ	1,000,000	2,872,970
Eastside/Northend Kodiak ^o	1,600,000	3,893,771
Mainland ^p	350,000	899,213
Subtotal	18,734,000	31,693,347

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Table 9.-Page 2 of 3.

FISHERY	2006 Harvest	
	Projection ^c	Actual ^b
Chum Salmon Fisheries		
Kitoi Bay Hatchery ^d	208,600	177,548
Afognak (non-hatchery) ^l	33,500	35,777
Westside Kodiak ^m	294,800	325,241
Alitak ⁿ	40,200	46,904
Eastside/Northend Kodiak ^o	167,500	309,380
Mainland ^p	134,000	187,139
Subtotal	878,600	1,081,989
Coho Salmon Fisheries		
Kitoi Bay Hatchery ^d	152,700	168,205
Afognak (non-hatchery) ^l	40,500	39,259
Westside Kodiak ^m	148,500	227,175
Alitak ⁿ	13,500	4,449
Eastside/Northend Kodiak ^o	51,300	81,746
Mainland ^p	16,200	32,690
Subtotal	422,700	553,524
Grand Total ^q	22,154,500	34,932,959
^a In number of salmon (rounded to nearest hundred). Does not include subsistence, sport, personal use, or ADF&G test fish harvests. ^b Actual harvest is the number of fish taken in a particular geographic area, not the catch assigned to an individual salmon stock. ^c Projected harvests for enhanced and major sockeye systems are based on formal forecasts for those individual stocks (total run minus escapement) and the projected harvest from minor sockeye systems and other salmon species are based on less formal escapement to return relationships. ^d From the Duck Bay, Izhut Bay, and Inner and Outer Kitoi Bay sections only. Additional salmon, likely bound for Kitoi Bay Hatchery, are harvested in parts of the Southeast Afognak and Northeast Afognak sections (252-33, 252-10 and 252-20). ^e From the Cape Igvak Section. Early run is from the beginning of the season through June 26. Late run is from July 8 through 25. ^f From the Southwest Afognak Section, Northwest Kodiak District (except for Spiridon and Settler Cove Terminal Harvest Areas), Inner and Outer Karluk sections, plus 50% of Halibut Bay Section from June 21 through July 15 and 100 % after July 31. ^g From the Outer and Inner Ayakulik sections, plus 50% of Halibut Bay Section from June 21 through July 15 and 100% from July 16 through 31. ^h From the Alitak Bay District. Frazer and Upper Station harvest estimates are based on initial run and fishery timing and stock separation.		

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Table 9.-Page 3 of 3.

- ⁱ From minor systems at Inner and Outer Ugak Bay (Saltery), Buskin River, Perenos Bay (Portage), Northwest Afognak (Thorsheim & Long Lagoon), Big River (Swishak), and Outer Kukak Bay (Kaflia & Kuliuk) sections.
- ^j From the Foul Bay, Waterfall Bay, and Settler Cove Special Harvest Areas. Enhancement project sockeye salmon production is expected from is expected from the Malina and Laura Lakes (Pauls Bay) systems, but is mixed with wild stock production from these minor systems.
- ^k From the Spiridon Bay Special Harvest Area (Telrod Cove), plus an estimate of Spiridon-bound sockeye taken in adjacent areas.
- ^l From the Afognak District except the Duck, Izhut, and Inner and Outer Kitoi Bay sections.
- ^m From the Southwest Kodiak District (all 255s and 256s) and the Northwest Kodiak District (all 253s and 254s) except for the North Cape, Anton Larson, Sharatin, and Kizhuyak sections and part of the Central Section (259-35 to 259-39).
- ⁿ From the Alitak District.
- ^o From the Eastside Kodiak District (all 258s, and 259-40 to 259-42), Northeast Kodiak District (259-21 to 259-25), and the North Cape, Anton Larson, Sharatin and Kizhuyak sections, plus part of the Central Section (259-35 to 259-39)
- ^p From the Mainland District.
- ^q Includes the projected 2006 harvest of 20,000 Chinook salmon, the actual harvest of 20,282 Chinook salmon.
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Table 10.-Preliminary commercial harvest and forecasts of salmon available for harvest from Kodiak Regional Aquaculture Association stocking projects in the Kodiak Management area, 2006.

System	Species	Forecast			Expected Harvest	Estimated Harvest ^a	Statistical Areas
		Estimate	Low	High			
Spiridon Lake ^{b,c}	sockeye	161,000	143,000	183,000	161,000	88,944	254-50 & Other
Hidden Lake ^b	sockeye	3,665	1,483	8,231	3,665	1,181	251-41
The Waterfall Lakes ^{b,d}	sockeye	6,816	4,345	12,524	6,816	0	251-84
Crescent Lake ^b	sockeye	474	119	2,331	474	0	259-35
	coho	3,300	2,500	4,100	3,300	0	259-35
Kitoi Bay Area	sockeye ^e	54,100	46,000	62,200	40,100	23,963	252-30, 252-31, 252-32, 252-35
	coho	158,700	136,000	206,300	152,700	168,921	252-30, 252-31, 252-32, 252-35
	pink	6,719,000	5,500,000	7,900,000	6,384,000	4,159,232	252-30, 252-31, 252-32, 252-35
	chum	263,630	197,700	329,500	208,630	177,620	252-30, 252-31, 252-32, 252-35
Katmia Lake ^f	coho	750	560	940	750	^f	
Totals:	sockeye	226,055	194,947	268,286	212,055	114,088	
	coho	162,750	139,060	211,340	156,750	168,921	
	pink	6,719,000	7,900,000	7,900,000	6,384,000	4,159,232	
	chum	263,630	197,700	329,500	208,630	177,620	

^a Actual harvests include commercial and personal use harvest data obtained from the ADF&G fish ticket data base, subsistence data are not included.

^b Barrired systems and/or with Special Harvest Areas.

^c Spiridon Bay SHA harvest was 59,494 sockeye salmon; the remaining 59% of the Spiridon Lake salmon were harvested in other net fisheries along the westside of the Kodiak Management Area.

^d Estimated harvest of Little and Big Waterfall Lakes sockeye salmon are combined.

^e From Little Kitoi Lake stocking.

^f It is not currently possible to estimate the harvest from the Katmai Lake project.

Table 11.-Commercial salmon buyers and processing plants active in the Kodiak Management Area, by geographic area and type, 2006.

Buyers/Processors	Shore-based Processors			Floating Processors		
	Kodiak City	Kodiak Borough	Other Areas	Kodiak City	Kodiak Borough	Other Areas
Icicle Seafoods		X	X			
Alaska Pacific Seafoods	X					
International Seafoods of Alaska	X					
Western Alaska Seafoods	X					
Alaska Fresh Seafoods	X					
Deep Creek Custom Packing			X			
Ocean Beauty Seafoods Kodiak	X	X				
Global Seafoods	X					
Peter Pan Seafoods			X			
Plitt Company			X			
David Loutrel F/V Miss Maliss				X		
Samuel Haughey					X	
Family Pride Inc. F/V Family Pride				X		
Richard Blanc					X	
Kodiak Island Smokehouse	X					
Island Seafoods	X					
Wildsource Inc.	X					
Alchemist Inc. F/V Alchemist				X		
Kodiak Smoking	X					
William Pierszalowski F/V Shawnee				X		
Mark Gladu F/V Salmon Bay				X		
Barry Rosenkranz F/V Salmon Barry				X		
All Cratty F/V Ashlee Christine C					X	
Totals	10	2	4	6	3	0

Table 12.-Commercial salmon harvest and value, by gear and species, in the Kodiak Management Area, 2006.

	Number of Salmon						
	Chinook	Sockeye	Coho	Pink	Chum	Total	
Purse/Beach Seine							
Total # ^a	16,129	933,833	486,510	28,567,991	950,180	30,954,643	88.6
<u>Avg. Wt.</u>	<u>10.31</u>	<u>4.96</u>	<u>7.74</u>	<u>3.66</u>	<u>8.45</u>		
Total Lbs. ^a	166,230	4,632,958	3,763,659	104,623,852	8,027,458	121,214,157	87.1
<u>Avg. \$/Lb.</u> ^b	<u>\$ 0.91</u>	<u>\$ 0.73</u>	<u>\$ 0.68</u>	<u>\$ 0.12</u>	<u>\$ 0.26</u>		
Exvessel \$	\$151,269.30	\$3,382,059.34	\$2,559,288.12	\$12,554,862.24	\$2,087,139.08	\$20,734,618.08	80.4
# of Permits = 132							
Average Value \$	\$1,145.98	\$25,621.66	\$19,388.55	\$95,112.59	\$15,811.66	\$157,080.44	
Percent %	0.7	16.3	12.3	60.6	10.1	100.0	
Set Gillnet							
Total # ^a	4,154	649,983	67,014	3,125,356	131,809	3,978,316	11.4
<u>Avg. Wt.</u>	<u>10.38</u>	<u>5.31</u>	<u>8.25</u>	<u>4.08</u>	<u>8.14</u>		
Total Lbs. ^a	43,129	3,452,482	551,558	12,759,524	1,072,891	17,879,584	12.9
<u>Avg. \$/Lb.</u> ^b	<u>\$0.79</u>	<u>\$0.72</u>	<u>\$0.48</u>	<u>\$0.10</u>	<u>\$0.17</u>		
Exvessel \$	34,072	2,485,787	264,748	1,275,952	182,391	4,242,951	16.5
# of Permits = 153							
Average Value \$	\$222.69	\$16,246.97	\$1,730.38	\$8,339.56	\$1,192.10	\$27,731.70	
Percent %	0.8	58.6	6.2	30.1	4.3	100	
ADF&G Test Fishery							
Total # ^a	0	312	0	5	15	332	0.0
<u>Avg. Wt.</u>	<u>0.00</u>	<u>5.04</u>	<u>0.00</u>	<u>3.00</u>	<u>7.93</u>		
Total Lbs. ^a	0	1,573	0	15	119	59	0.0
<u>Avg. \$/Lb.</u> ^b	<u>\$0.00</u>	<u>\$0.70</u>	<u>\$0.00</u>	<u>\$0.10</u>	<u>\$0.10</u>		
Exvessel \$	0	1,101	0	2	12	1,115	0.0
Total All Gear							
Total # ^a	20,283	1,584,128	553,524	31,693,352	1,082,004	34,933,291	100
<u>Avg. Wt.</u>	<u>10.32</u>	<u>5.11</u>	<u>7.80</u>	<u>3.70</u>	<u>8.41</u>		
Total Lbs. ^a	209,359	8,087,013	4,315,217	117,383,391	9,100,468	139,093,800	100
<u>Avg. \$/Lb.</u> ^c	<u>\$0.94</u>	<u>\$0.76</u>	<u>\$0.67</u>	<u>\$0.12</u>	<u>\$0.27</u>		
Exvessel \$	\$196,797	\$6,146,130	\$2,891,195	\$14,086,007	\$2,457,126	\$25,777,256	100
% of Total Value	0.8	23.8	11.2	54.6	9.5	100	

^a Numbers and pounds of fish are derived from ADF&G fish ticket summaries. There were 11,034 fish tickets generated in 2006; each ticket represents a landing. Each gear type had the following landings: Purse/Beach Seine – 5,309; Set Gillnet – 5,713; and Test Fishery - 12. Numbers do not include commercially harvested salmon retained but not sold, subsistence, or sport fishery harvests.

^b Average price per pound figures are based on fish ticket information. Some fish ticket may not show price per pound figures. These average prices may not reflect payments made to fishers for refrigerated or iced fish, dock deliveries, or postseason settlements.

Table 13.-Estimated commercial salmon harvest and value, by gear type, in the Kodiak Management Area, 1970-2006.

Year	Total Catch ^a	Total Value ^b	Average Exvessel Value		
			Purse Seine	Gillnet	Beach Seine
1970	13,949,206	\$21,658,000	\$41,880	\$21,083	\$10,470
1971	6,378,179	\$4,973,000	\$13,397	\$3,015	\$2,919
1972	3,883,197	\$3,909,000	\$9,233	\$1,451	\$647
1973	1,001,343	\$2,094,000	\$5,075	\$852	\$251
1974	3,329,427	\$4,808,000	\$15,993	\$4,828	\$4,406
1975	3,187,410	\$3,831,000	\$13,300	\$3,849	\$5,600
1976	12,484,451	\$16,976,000	\$43,017	\$14,481	\$11,035
1977	7,976,691	\$18,873,142	\$46,942	\$19,117	\$12,107
1978	16,942,215	\$30,357,179	\$70,685	\$22,711	\$14,772
1979	12,420,260	\$22,958,317	\$51,263	\$23,363	\$20,348
1980	19,157,249	\$27,410,296	\$62,363	\$21,215	\$23,385
1981	13,094,099	\$32,647,230	\$79,877	\$34,785	\$26,946
1982	10,891,952	\$18,803,822	\$39,309	\$28,889	\$11,038
1983	7,081,976	\$13,405,578	\$30,239	\$16,689	\$5,918
1984	13,678,005	\$25,948,012	\$71,560	\$26,552	\$12,341
1985	9,897,903	\$20,428,111	\$57,782	\$27,517	\$8,405
1986	16,304,165	\$38,723,961	\$92,693	\$68,700	\$11,885
1987	7,746,980	\$31,107,864	\$79,812	\$41,163	\$15,664
1988	19,009,757	\$103,816,936	\$252,388	\$119,013	\$47,017
1989 ^c	26,455,944	\$61,046,024	\$146,502	\$72,955	\$28,288
1990	12,122,389	\$52,611,882	\$113,302	\$66,715	\$10,424
1991	23,723,008	\$37,019,293	\$77,511	\$53,817	\$5,257
1992	8,462,464	\$40,498,352	\$98,379	\$41,984	\$5,436
1993	39,341,025	\$38,554,977	\$94,927	\$43,889	\$8,230
1994	12,098,324	\$27,103,339	\$67,545	\$46,189	\$9,392
1995	49,187,163	\$53,921,533	\$135,769	\$66,165	\$14,388
1996	9,215,978	\$27,627,620	\$71,080	\$52,632	\$2,954
1997	14,460,978	\$21,017,587	\$54,940	\$38,135	\$8,419
1998	26,444,750	\$34,797,884	\$119,346	\$52,048	\$3,649
1999	17,780,488	\$34,090,487	\$108,951	\$57,744	\$7,342
2000	14,373,531	\$23,096,064	\$74,618	\$36,711	\$15,251
2001	23,711,870	\$22,134,956	\$93,727	\$29,515	\$0
2002	21,319,153	\$13,614,159	\$71,882	\$31,223	\$0
2003 ^d	19,618,352	\$16,681,878	\$81,420	\$30,475	\$0
2004 ^d	27,247,798	\$19,869,794	\$97,397	\$37,583	\$0
2005 ^d	34,075,061	\$24,961,468	\$136,088	\$40,172	\$0
2006 ^d	34,933,291	\$25,777,256	\$157,080	\$27,732	Confidential
Average - Previous 10 Years:					
1996-2005	20,824,796	\$23,789,190	\$90,945	\$40,624	\$4,728
Average ^e - Previous Decades:					
1990-1999	21,283,657	\$36,724,295	\$94,175	\$51,932	\$7,549
1980-1988	12,984,676	\$34,699,090	\$85,114	\$42,725	\$18,067
1970-1979	8,155,238	\$13,043,764	\$31,079	\$11,475	\$8,256
Average ^e - Overall					
1970-2006	15,759,908	\$26,580,878	\$73,534	\$34,979	\$9,597

Source: ADF&G Annual Management Reports and Commercial Fisheries Entry Commission reports.

^a Number of fish. Includes commercial harvest, test fisheries, and Kitoi Bay Hatchery cost recovery harvests.

-continued-

Table 13.-Page 2 of 2.

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- ^b Exvessel values for 1970-1976 and 2003-2006 are based on inseason price estimates, and do not include postseason adjustments. Values from 1977-1988 and 1990-2000 are from Commercial Fisheries Entry Commission reports.
- ^c In 1989 due to the presence of oil from the M/V Exxon Valdez spill there were extensive fishery closures. Harvest figures include actual and projected harvest of wild stocks and actual harvest of hatchery stocks from a supplemental cost recovery fishery. The 1989 exvessel value is estimated by multiplying price information from CFEC records for the limited fisheries that did occur by the projected total harvest had there been no oil spill. The 1989 exvessel value by gear type is estimated by using 1988 gear levels and proportional harvest by gear type, as if a normal fishery had occurred on a normal distribution of fish (Barrett et al. 1990).
- ^d Exvessel value is based on fish ticket information. These average values do not reflect payments made to fishers for iced fish, dock deliveries, and postseason settlements.
- ^e 1989 data not included in averages.

Table 14.-Subsistence salmon fishery harvest from ADF&G permit reports, by species, for the Kodiak Management Area, 1970-2005.

				Number of Salmon					
Year	Permits Issued	Permits Returned	Percent Returned	Chinook	Sockeye	Coho	Pink	Chum	Total
1970	213	49	23	1	959	939	797	265	2,961
1971	267	131	49	5	3,442	1,720	1,276	472	6,915
1972	329	176	53	11	3,633	1,531	2,516	2,729	10,420
1973	400	149	37	7	4,453	2,289	1,393	1,166	9,308
1974	367	90	25	1	1,909	846	1,094	128	3,978
1975	508	90	18	1	1,141	922	947	221	3,232
1976	536	243	45	4	4,338	962	2,275	370	7,949
1977	739	451	61	54	8,119	2,508	2,849	317	13,847
1978	860	539	63	50	7,239	3,699	2,747	572	14,307
1979	1,085	697	64	111	10,376	3,840	3,300	333	17,960
1980	1,239	756	61	67	13,746	4,407	2,755	566	21,541
1981	1,166	658	56	49	12,924	4,029	2,458	484	19,944
1982	1,276	993	78	110	16,615	7,192	3,558	667	28,142
1983	1,307	1,082	83	111	15,526	6,283	2,536	800	25,256
1984	1,240	1,061	86	265	17,620	5,808	1,877	720	26,290
1985	1,476	1,196	81	172	16,231	8,873	2,756	855	28,887
1986	1,244	996	80	90	14,391	6,998	2,371	605	24,455
1987	1,124	878	78	101	13,198	6,463	2,421	1,299	23,482
1988 ^a	-	2,066	N/A	108	10,081	4,291	1,320	371	16,171
1989 ^{a,b}	-	1,994	N/A	43	12,638	4,123	1,553	419	18,776
1990 ^a	-	2,340	N/A	131	17,959	8,627	1,605	655	28,977
1991 ^a	-	2,660	N/A	177	21,835	8,208	1,743	714	32,677
1992 ^a	-	2,614	N/A	318	20,684	8,643	1,646	643	31,934
1993 ^a	-	1,774	N/A	243	19,471	7,176	2,696	838	30,424
1994 ^c	2,550	1,518	60	205	17,962	7,491	1,758	440	27,856
1995	1,950	1,218	62	175	19,416	5,603	1,548	293	27,035
1996	1,567	1,429	91	253	28,287	5,117	1,125	381	35,163
1997	2,098	1,648	79	383	33,293	6,369	1,458	234	41,737
1998	1,845	1,145	62	350	20,459	5,348	1,412	214	27,783
1999	1,845	1,437	78	397	26,534	4,974	1,229	388	33,522
2000	1,711	1,679	98	351	31,667	6,383	977	375	39,753
2001	2,378	2,009	84	273	33,878	5,920	1,158	427	41,656
2002	2,277	2,068	91	588	33,844	6,175	1,665	350	42,622
2003	2,272	2,052	90	510	32,193	6,098	1,509	388	40,698
2004	2,241	2,063	92	379	30,503	5,857	1,403	261	38,403
2005	2,290	1,950	85	434	27,505	7,681	2,350	592	38,562
2006	not yet available								
<u>Recent 10-year Average</u>									
1996-2005	2,052	1,748	85	392	29,816	5,992	1,429	361	37,990
				1%	78%	16%	4%	1%	100%
<u>Averages ^b - Previous Decades:</u>									
1990-1999	1,976	1,778	90	263	22,590	6,756	1,622	480	31,448
1980-1988	1,259	1,076	85	119	14,481	6,038	2,450	707	23,677
1970-1979	530	262	49	25	4,561	1,926	1,919	657	9,063
<u>Average ^b - Overall</u>									
1970-2005	1,347	1,197	67	185	16,898	5,122	1,901	575	24,681

-continued-

Table 14.-Page 2 of 2.

Source: 1981 and 1986 to 2005 data is from the ADF&G subsistence permit database. Data from all other years is from Area Management Reports (AMRs). In some cases, AMRs may show slightly higher harvests than the permit database, likely due to late permits that may not have been entered into the system. The harvest information is only from those permits that were returned, so may not represent the total KMA subsistence salmon harvest.

- ^a Permits were mailed to all previous applicants, totaling approximately 2,800. Many were returned as undeliverable. Those names were removed from subsequent mailing lists. Accurate counts of the number of permits issued were not kept.
- ^b In 1989 harvest patterns were unusual due to the M/V Exxon Valdez oil spill. 1989 data is not included in averages. There was also an Exxon sponsored subsistence fishery in Karluk Lagoon, and those harvests are not included. Harvest totaled an additional 1 Chinook, 13,329 sockeye, 523 coho, 47 pink, and 19 chum salmon.
- ^c The salmon and shellfish subsistence permitting programs were merged. The total number of permits includes permits mailed to all previous permit holders and permits issued by ADF&G staff in the City of Kodiak and Kodiak Island villages.

Table 15.-Retention of salmon taken in commercial salmon fisheries but not sold, by species, for the Kodiak Management Area, 1997-2006.

Year	Permits	Landings	Home Pack in Number of Salmon ^a					Total
			Chinook	Sockeye	Coho	Pink	Chum	
1997	10	10	7	678	91	6	2	784
1998	4	5	8	26	9	0	0	43
1999	*	*	*	*	*	*	*	*
2000	*	*	*	*	*	*	*	*
2001	9	14	16	465	1,215	0	33	1,729
2002	33	56	57	5,447	7,542	566	0	13,612
2003 ^b	36	87	72	11,025	12,310	1,492	86	24,985
2004	13	39	8	3,052	290	253	10	3,613
2005	16	37	54	4,432	811	4,385	11	9,693
2006	31	52	100	1,442	2,786	1,140	128	5,596
Average:								
1997-2005	14	28	25	2,811	2,480	745	16	6,076

Source: ADF&G fish ticket data base

* Confidential data.

^a This is the number of salmon taken by CFEC permit holders with commercial gear during commercial fishing periods that was not sold, but instead was kept for the crew's own use. Prior to 1997 this data was not recorded on ADF&G fish tickets.

^b In 2003 there was concern that salmon taken as home pack were being custom processed for later sale for consumptive use. In response the Alaska Board of Fisheries adopted a regulation clearly stating that these fish were not to be sold or bartered (5 AAC 39.010).

Table 16.-Estimated sport fish salmon harvest in the Kodiak regulatory area of the Kodiak Management Area, 1977-2005.

Year	Sport Harvest in Number of Salmon ^a					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1977	483	1,255	4,716	14,519	1,645	22,618
1978	350	1,776	4,927	17,739	1,287	26,079
1979	752	2,436	11,522	15,871	500	31,081
1980	327	2,178	12,692	18,969	525	34,691
1981	789	1,620	10,584	12,259	637	25,889
1982	1,120	3,055	13,329	18,850	1,324	37,678
1983	729	3,150	7,823	8,936	816	21,454
1984	921	5,385	14,612	12,779	1,321	35,018
1985	762	7,536	13,625	13,423	865	36,211
1986	520	5,259	20,873	14,509	336	41,497
1987	379	4,165	16,912	11,662	560	33,678
1988	1,564	6,222	18,809	19,044	1,546	47,185
1989	1,087	6,789	19,802	17,794	631	46,103
1990	996	6,056	13,728	7,464	191	28,435
1991	2,508	5,049	17,691	12,106	1,517	38,871
1992	2,217	6,240	13,668	5,904	625	28,654
1993	5,092	7,849	21,241	12,324	504	47,010
1994	3,166	12,502	12,406	5,336	290	33,700
1995	2,662	7,994	13,236	11,926	981	36,799
1996	2,407	10,158	16,822	6,917	692	36,996
1997	5,221	8,259	23,763	5,873	235	43,351
1998	4,052	8,763	24,850	12,226	547	50,438
1999	6,791	10,405	27,781	12,813	426	58,216
2000	9,629	16,972	30,975	10,599	955	69,130
2001	8,541	12,199	28,654	6,498	991	56,883
2002	4,136	9,672	29,957	9,022	104	52,891
2003	9,031	12,562	31,976	6,842	548	60,959
2004	11,263	7,884	46,101	7,476	599	73,323
2005	9,300	10,375	42,950	11,500	780	74,905
<u>Average - Previous 10 Years:</u>						
1995-2004	6,373	10,487	27,412	9,019	608	53,899
<u>Average - Previous Decades:</u>						
1990-1999	3,511	8,328	18,519	9,289	601	40,247
1980-1989	820	4,536	14,906	14,823	856	35,940
<u>Average - Recent 5 Year Periods</u>						
2000-2004	8,520	11,858	33,533	8,087	639	62,637
1995-1999	4,227	9,116	21,290	9,951	576	45,160
1990-1994	2,796	7,539	15,747	8,627	625	35,334
<u>Average - All Years</u>						
1977- 2005	3,338	7,026	19,518	11,765	758	42,405

Source: Jennings et al. (*In prep.*)

^a The Kodiak regulatory area encompasses only the Kodiak Archipelago. Estimated harvests from the Mainland District of the Kodiak Management Area are summarized in Alaska Peninsula/Aleutian Islands regulatory area statistics. Includes harvest from both marine and freshwater fisheries; does not include the number of salmon caught and released.

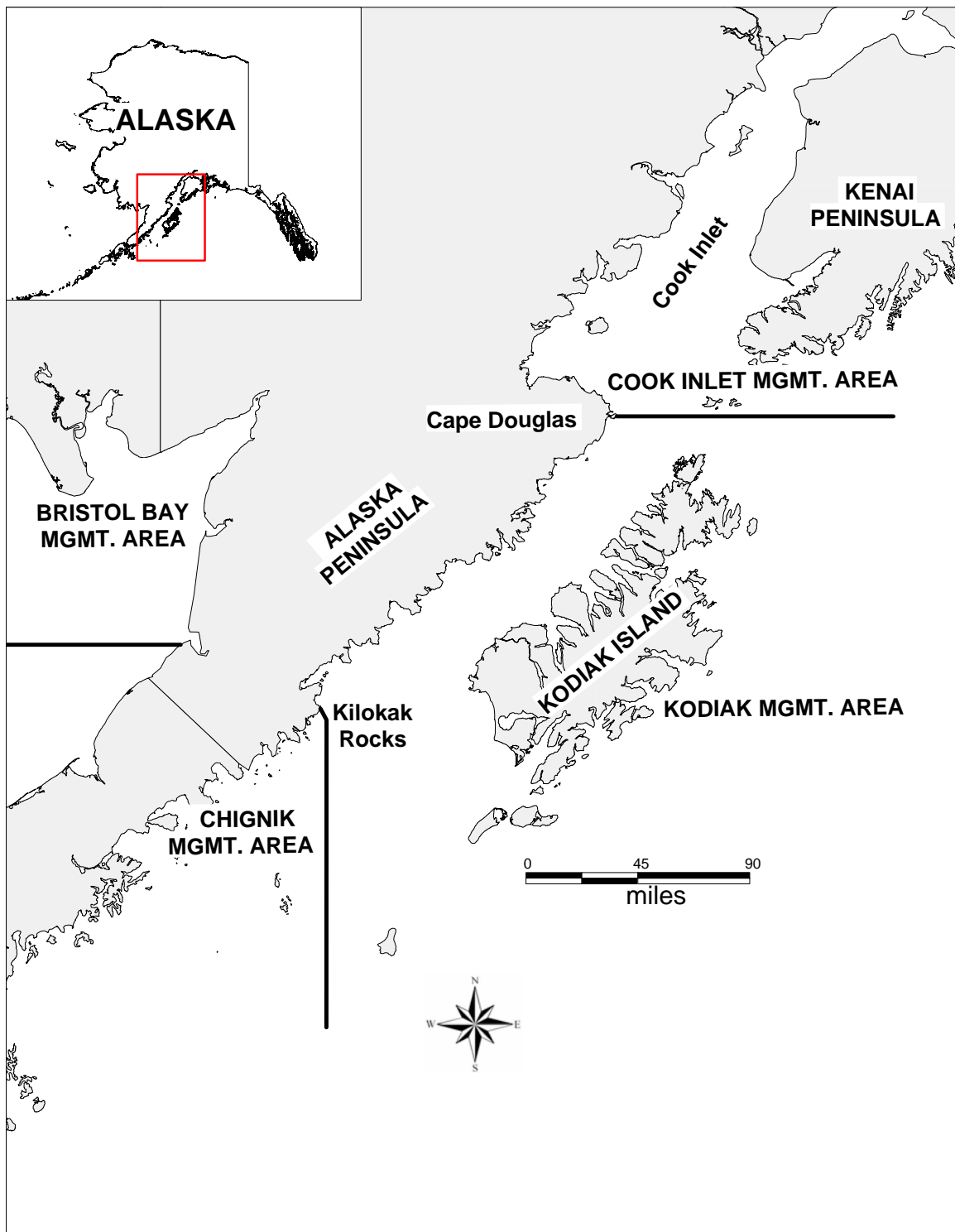


Figure 1.-Map of the location of the Kodiak Management Area and neighboring management areas, 2006.

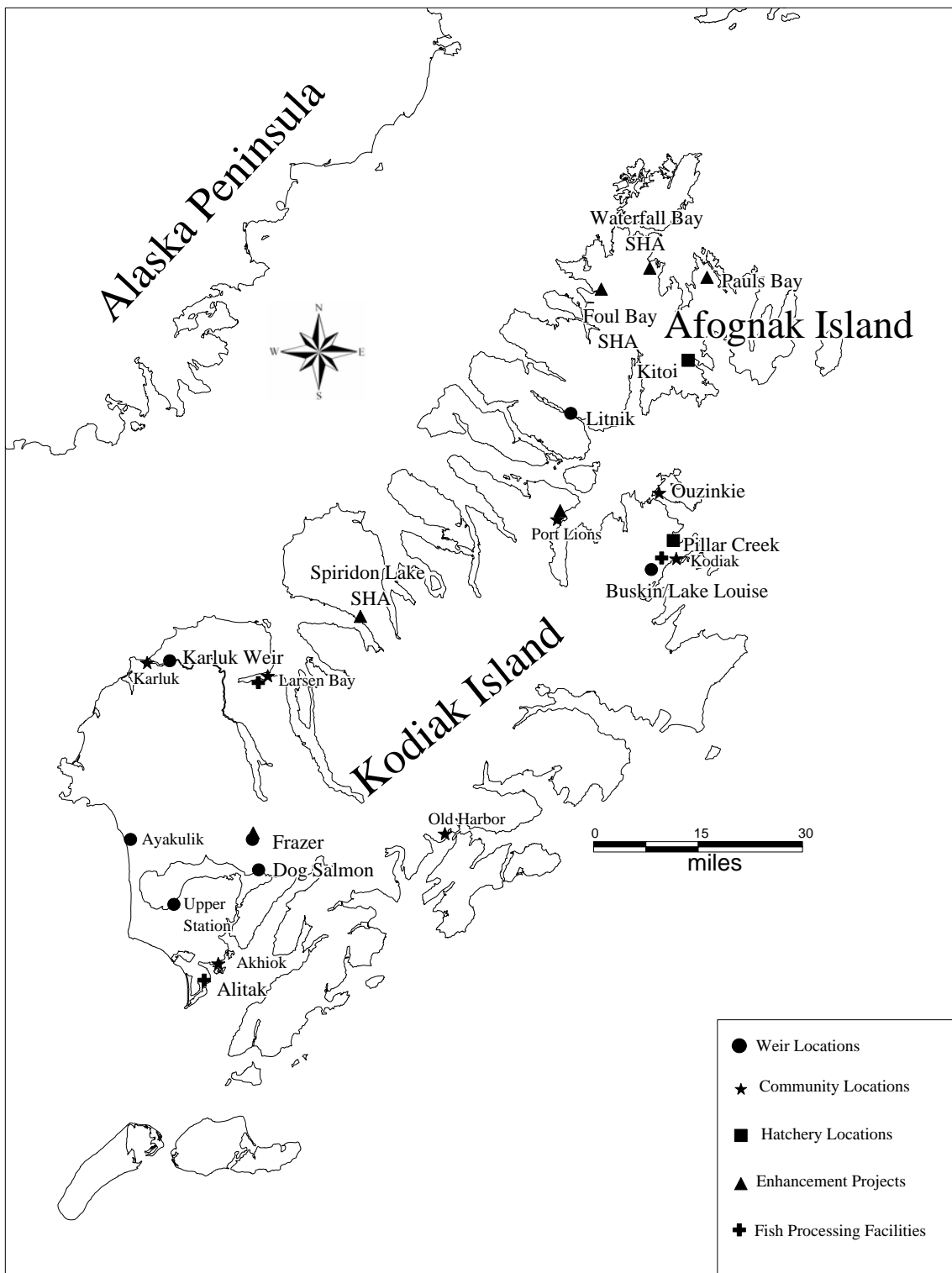


Figure 2.-Map of the Kodiak Archipelago showing communities, canneries, sockeye salmon enhancement, weir, and hatchery locations in the Kodiak Management Area, 2006.

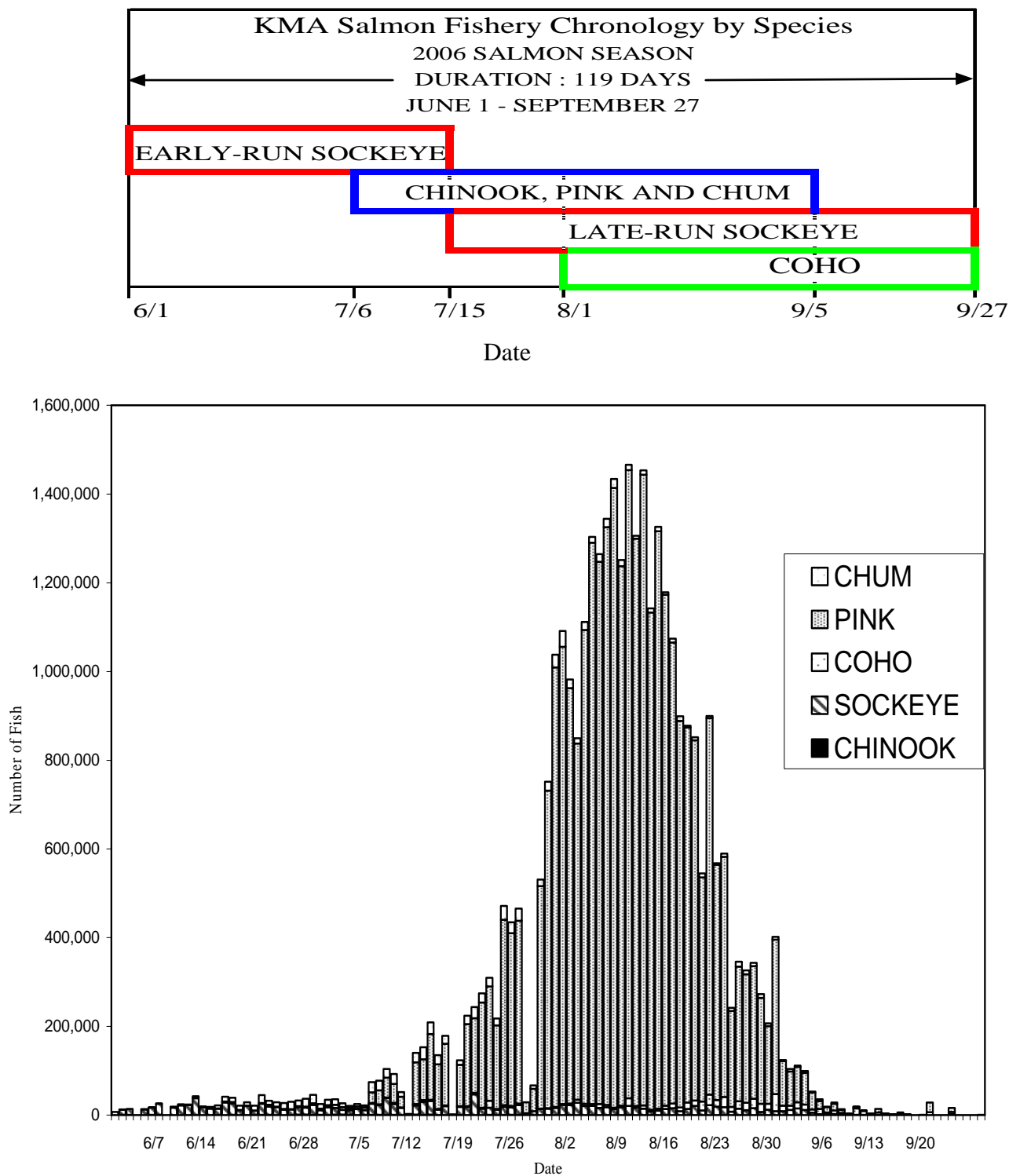
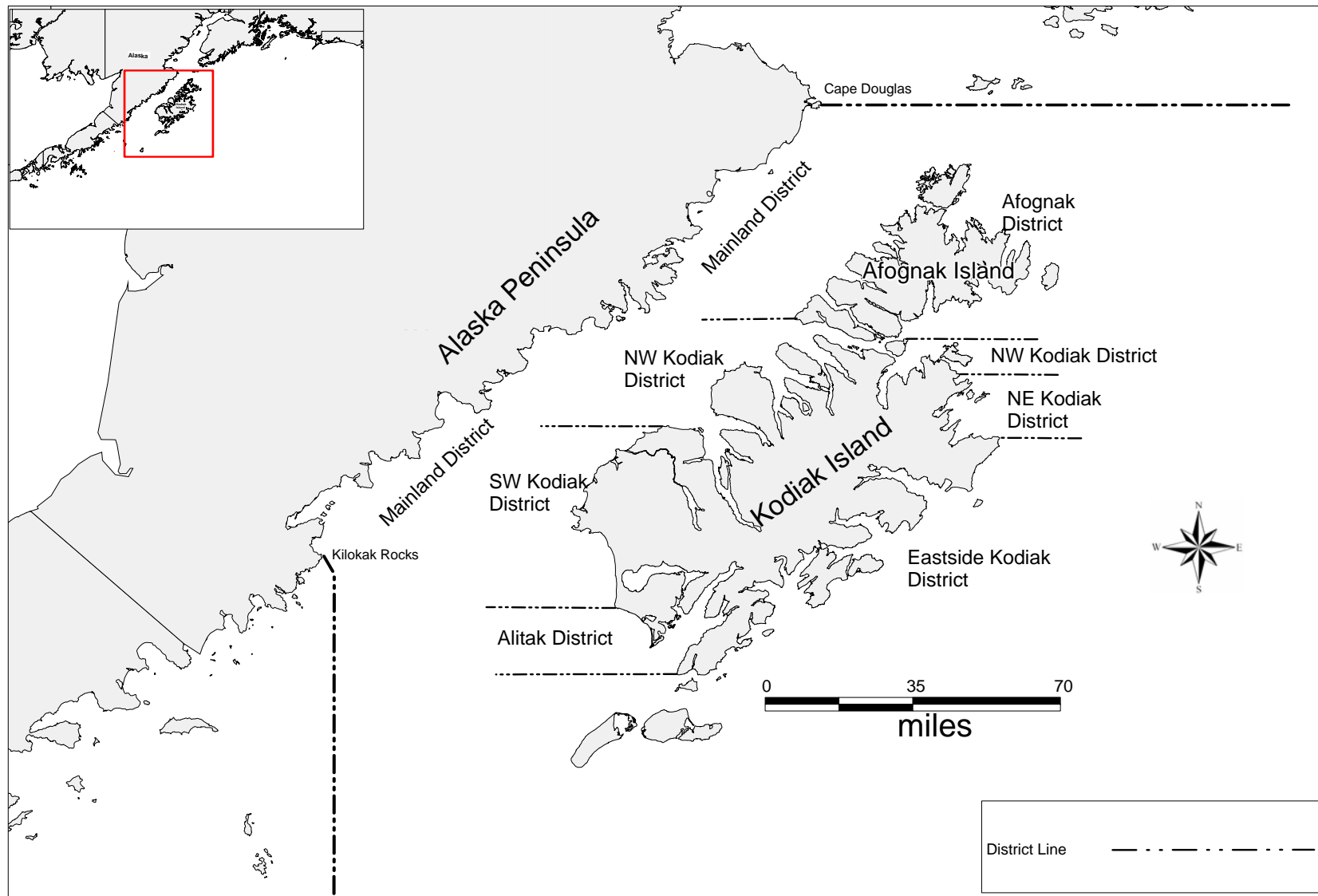
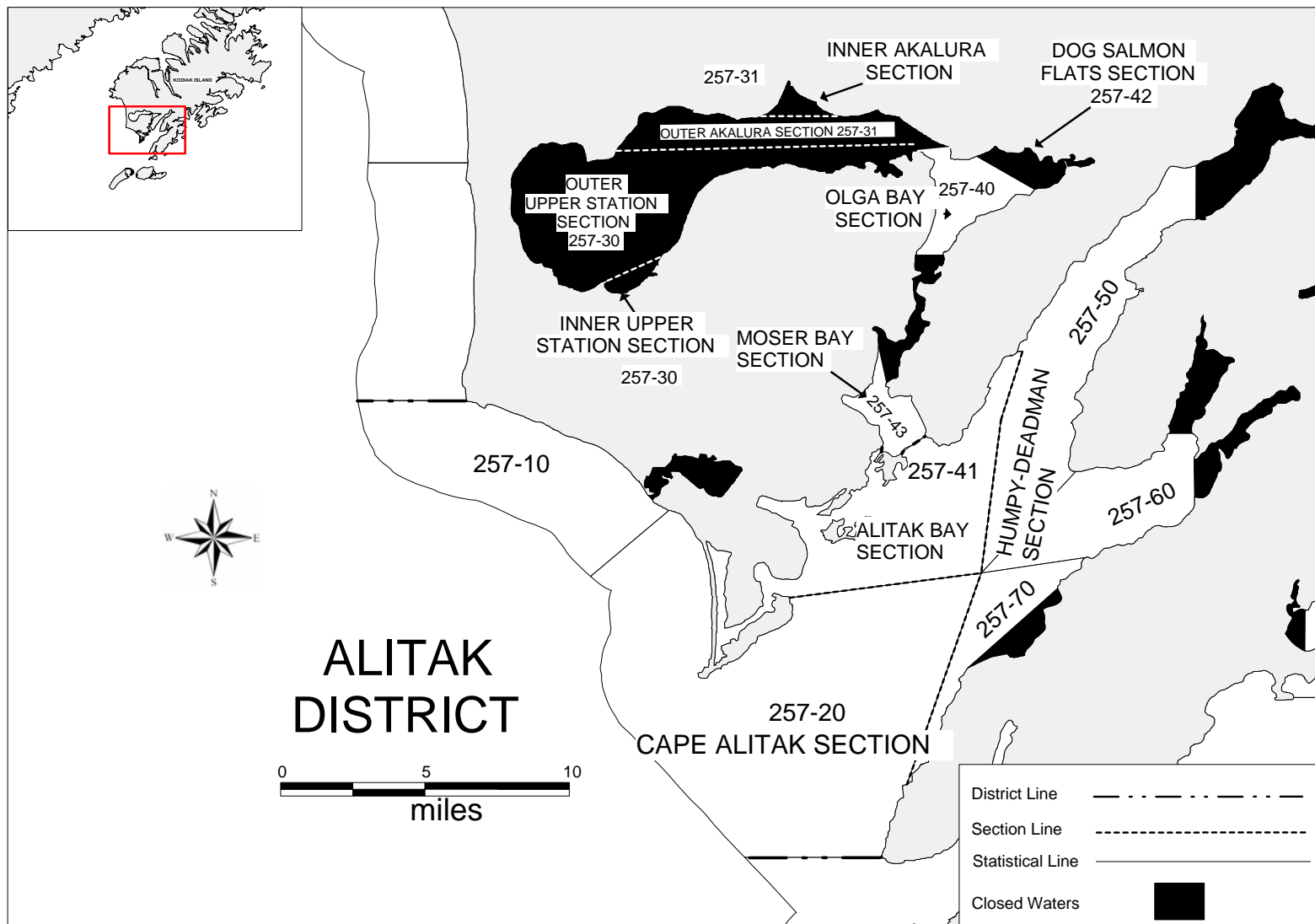


Figure 3.-Commercial salmon fishery chronology and daily harvest by date and species, Kodiak Management Area, 2006.

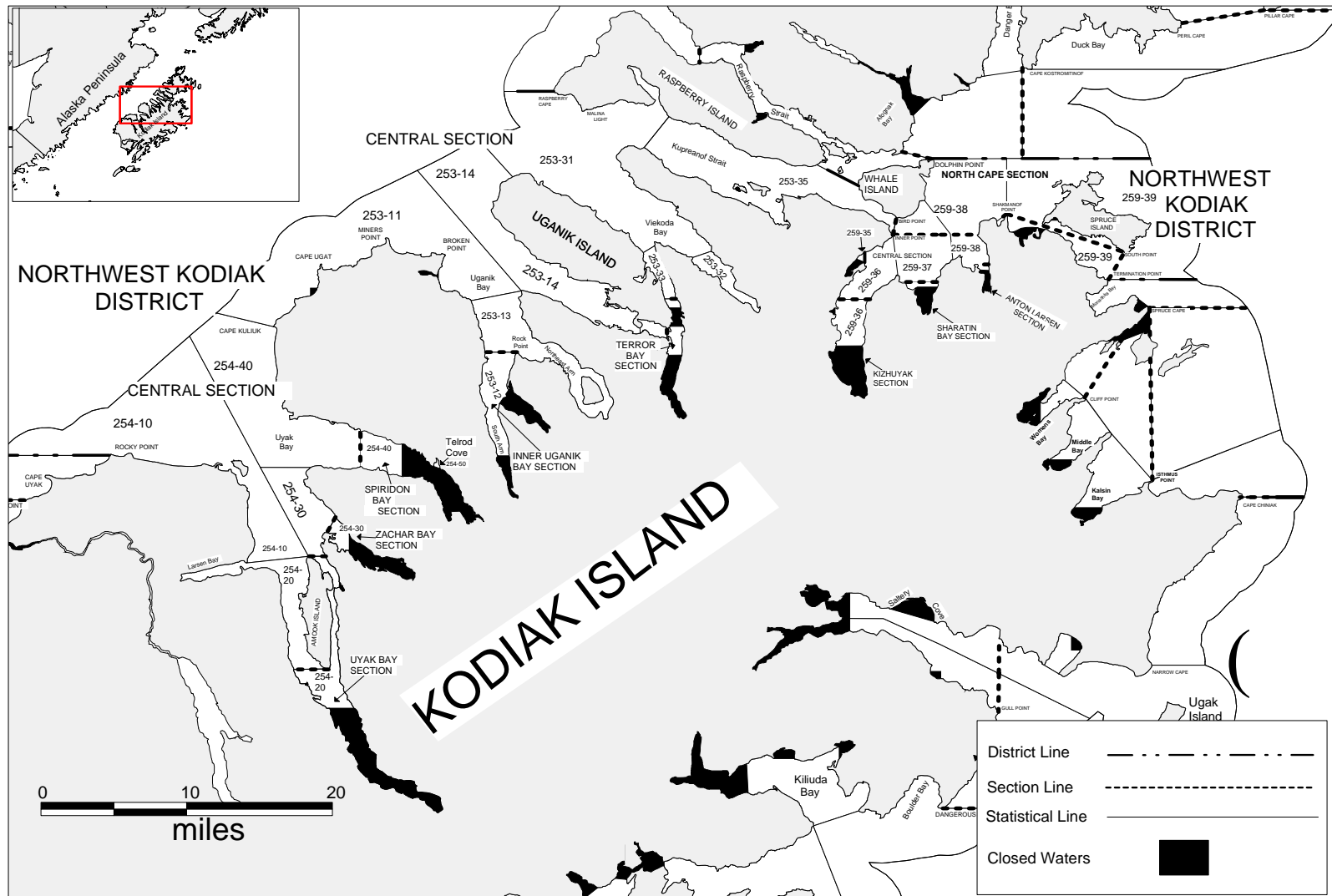
APPENDIX A. MAPS OF FISHING DISTRICTS



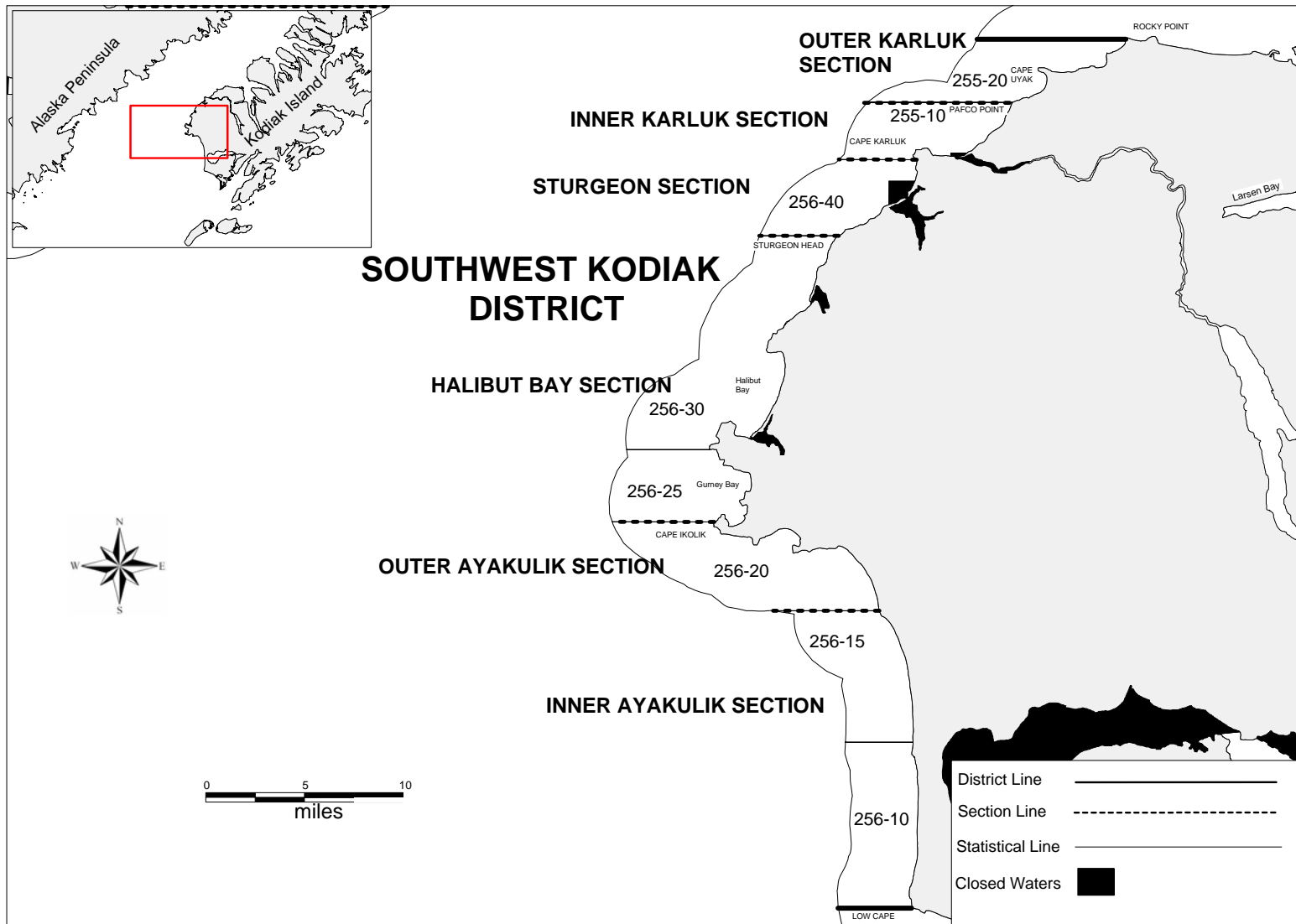
Appendix A1.-Map of the Kodiak Management Area identifying commercial salmon fishing districts.



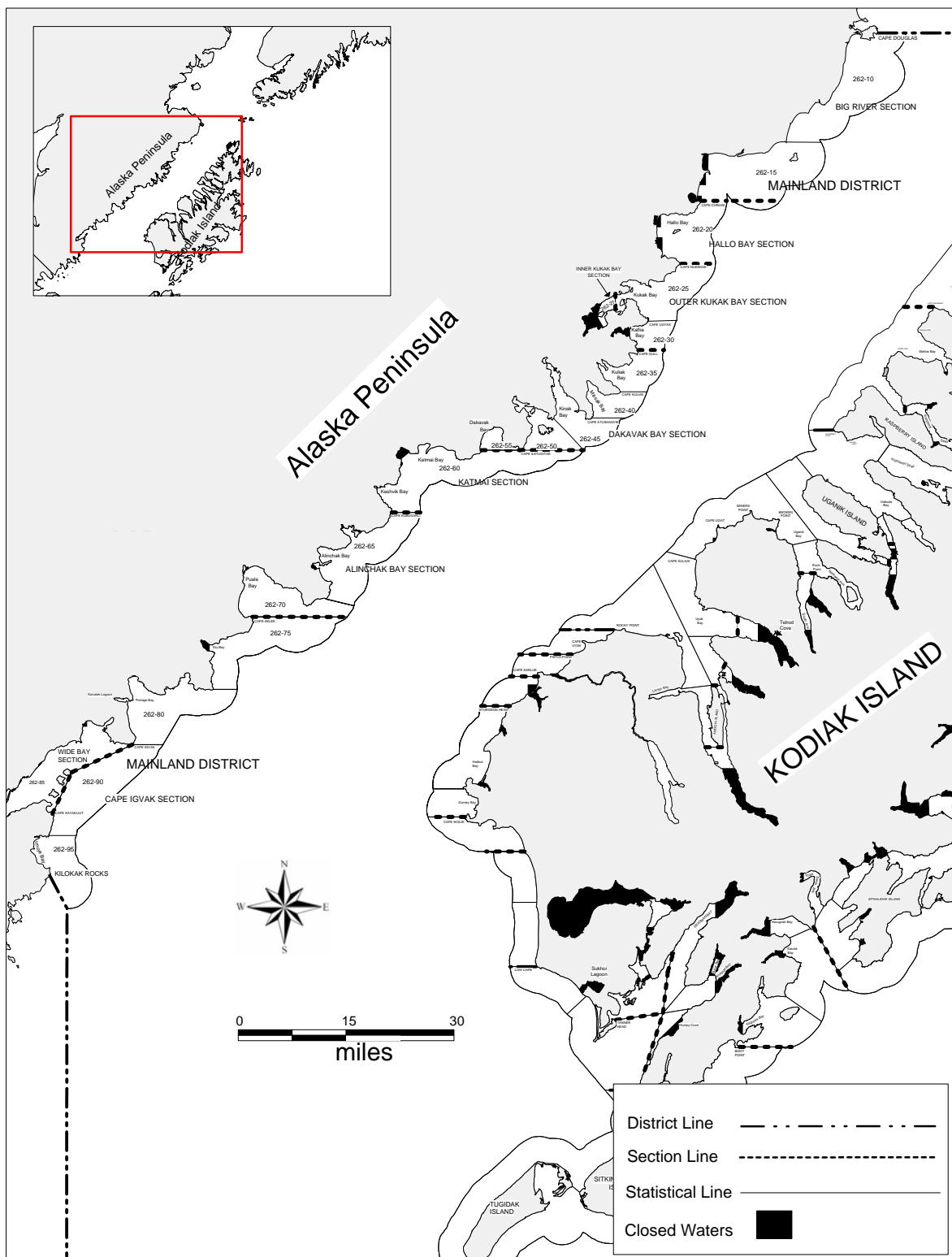
Appendix A2.-Map of the Alitak District identifying commercial salmon fishing sections and statistical areas.



Appendix A3.-Map of the Northwest Kodiak District identifying commercial salmon fishing sections and statistical areas.



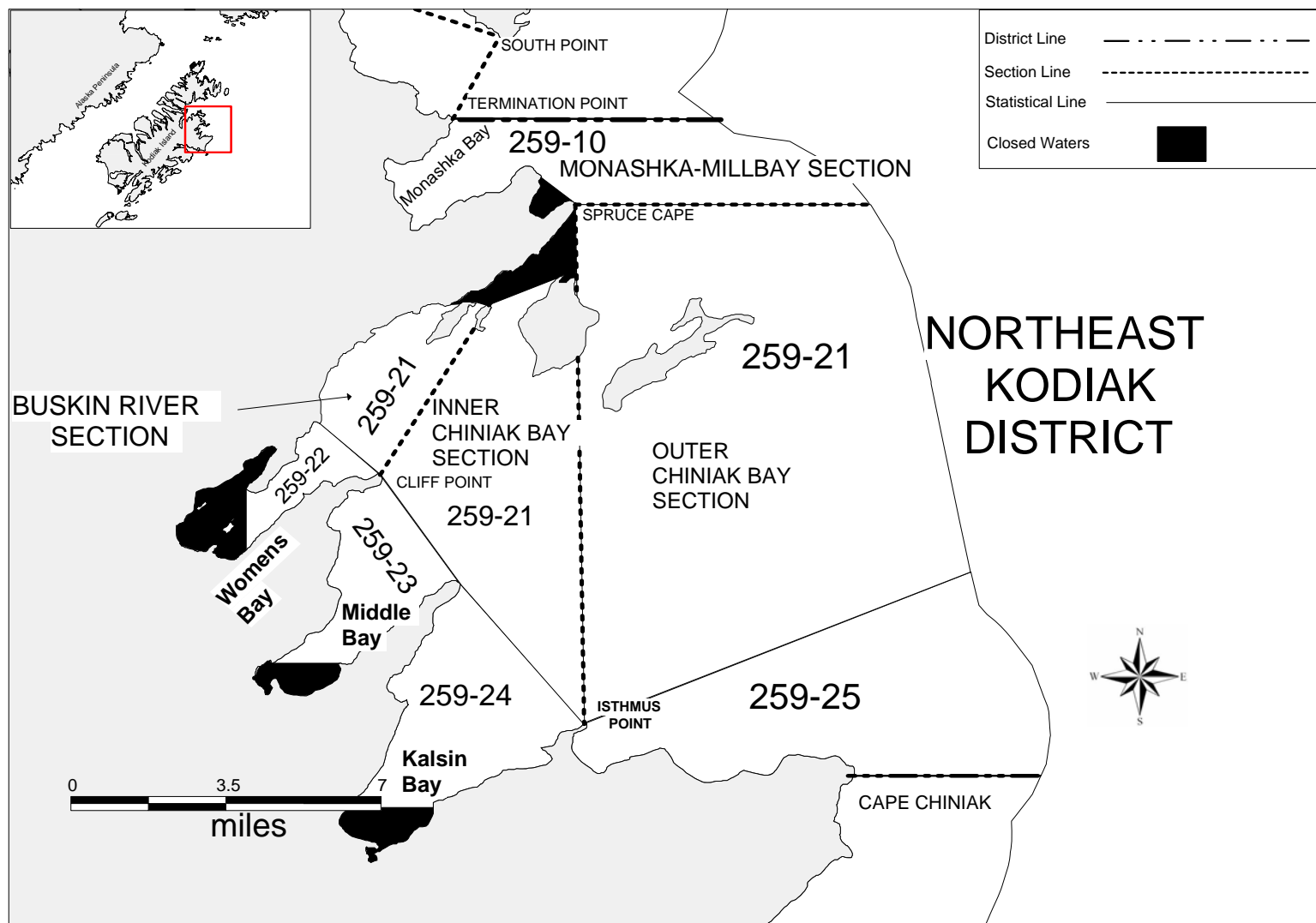
Appendix A4.-Map of the Southwest Kodiak District identifying commercial salmon fishing sections and statistical areas.



Appendix A5.-Map of the Mainland District identifying commercial salmon fishing sections and statistical areas.

Appendix A6.-Map of the Afognak District identifying commercial salmon fishing sections and statistical areas.

Appendix A7.-Map of the Eastside Kodiak District identifying commercial salmon fishing sections and statistical areas.



Appendix A8.-Map of the Northeast Kodiak District identifying commercial salmon fishing sections and statistical areas.

APPENDIX B. INSEASON MANAGEMENT ACTIONS

Appendix B1.-Commercial salmon fishing time, by district and section, in the Kodiak Management Area, 2006.

<i>Districts/Sections</i>		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Northwest Kodiak	Central																														
	North Cape																														
	Anton Larson																														
	Sharatin																														
	Kizhuyak																														
	Terror Bay																														
	Inner Uganik Bay																														
	Spiridon SHA																														
	Spiridon Bay																														
	Zachar Bay																														
	Uyak Bay																														
Southwest Kodiak	Outer Karluk																														
	Inner Karluk																														
	Sturgeon																														
	Halibut Bay																														
	Outer Ayakulik																														
	Inner Ayakulik																														
Alitak	Olga Bay																														
	Moser																														
	Alitak Bay																														
	Cape Alitak																														
	Humpy - Deadman																														
	Dog Salmon Flats																														
	Outer Akalura																														
	Inner Akalura																														
	Outer Upper Station																														
	Inner Upper Station																														
Eastside Kodiak	Seven Rivers																														
	Two Headed																														
	Sitkalidak																														
	Outer Ugak Bay																														
	Inner Ugak Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Appendix B1.-Page 2 of 8.

<i>Ditritcs/Sections</i>		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Northeast Kodiak	Outer Chiniak																														
	Inner Chiniak																														
	Buskin River																														
	Monashka/Mill Bays																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Afognak	Southeast Afognak																														
	Duck Bay																														
	Izhut Bay																														
	Inner Kitoi Bay																														
	Outer Kitoi Bay																														
	Northeast Afognak																														
	Pauls Bay																														
	Perenosa																														
	Waterfall Bay SHA																														
	Shuyak Island																														
	Northwest Afognak																														
	Foul Bay SHA																														
	Southwest Afognak																														
	Malina THA																														
	Raspberry Strait																														
Mainland		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
	Big River																														
	Hallo Bay																														
	Outer Kukak Bay																														
	Inner Kukak Bay																														
	Dakavak Bay																														
	Katmai																														
	Alinchak																														
	Cape Igvak																														
	Wide Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Appendix B1.-Page 3 of 8.

<i>Districts/Sections</i>		7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12	7/13	7/14	7/15	7/16	7/17	7/18	7/19	7/20	7/21	7/22	7/23	7/24	7/25	7/26	7/27	7/28	7/29	7/30	7/31
Northwestern Kodiak	Central																															
	North Cape																															
	Anton Larson																															
	Sharatin																															
	Kizhuyak																															
	Terror Bay																															
	Inner Uganik Bay																															
	Spiridon SHA																															
	Spiridon Bay																															
	Zachar Bay																															
	Uyak Bay																															
Southwest Kodiak	Outer Karluk																															
	Inner Karluk																															
	Sturgeon																															
	Halibut Bay																															
	Outer Ayakulik																															
	Inner Ayakulik																															
Alitak	Olga Bay																															
	Moser																															
	Alitak Bay																															
	Cape Alitak																															
	Humpy - Deadman																															
	Dog Salmon Flats																															
	Outer Akalura																															
	Inner Akalura																															
	Outer Upper Station																															
	Inner Upper Station																															
Eastside Kodiak	Seven Rivers																															
	Two Headed																															
	Sitkalidak																															
	Outer Ugak Bay																															
	Inner Ugak Bay																															
fishing time in entire section																																
fishing time in partial section																																

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Appendix B1.-Page 4 of 8.

<i>Districts/Sections</i>		7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12	7/13	7/14	7/15	7/16	7/17	7/18	7/19	7/20	7/21	7/22	7/23	7/24	7/25	7/26	7/27	7/28	7/29	7/30	7/31
Northeast Kodiak	Outer Chiniak																															
	Inner Chiniak																															
	Buskin River																															
	Monashka/Mill Bays																															
Afognak	Southwest Afognak																															
	Duck Bay																															
	Izhut Bay																															
	Inner Kitoi Bay																															
	Outer Kitoi Bay																															
	Northeast Afognak																															
	Pauls Bay																															
	Perenosa																															
	Waterfall Bay SHA																															
	Shuyak Island																															
	Northwest Afognak																															
	Foul Bay SHA																															
	Southwest Afognak																															
	Malina THA																															
	Raspberry Strait																															
Mainland	Big River																															
	Hallo Bay																															
	Outer Kukak Bay																															
	Inner Kukak Bay																															
	Dakavak Bay																															
	Katmai																															
	Alinchak																															
	Cape Igvak																															
	Wide Bay																															
fishing time in entire section																																
fishing time in partial section																																

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Appendix B1.-Page 5 of 8.

<i>Districts/Sections</i>		8/1	8/2	8/3	8/4	8/5	8/6	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31
Northwest Kodiak	Central																															
	North Cape																															
	Anton Larson																															
	Sharatin																															
	Kizhuyak																															
	Terror Bay																															
	Inner Uganik Bay																															
	Spiridon SHA																															
	Spiridon Bay																															
	Zachar Bay																															
	Uyak Bay																															
Southwest Kodiak	Outer Karluk																															
	Inner Karluk																															
	Sturgeon																															
	Halibut Bay																															
	Outer Ayakulik																															
	Inner Ayakulik																															
Alitak	Olga Bay																															
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	Alitak Bay																															
	Cape Alitak																															
	Humpy - Deadman																															
	Dog Salmon Flats																															
	Outer Akalura																															
	Inner Akalura																															
	Outer Upper Station																															
	Inner Upper Station																															
Eastside Kodiak	Seven Rivers																															
	Two Headed																															
	Sitkalidak																															
	Outer Ugak Bay																															
	Inner Ugak Bay																															
fishing time in entire section																																
fishing time in partial section																																

-continued-

Appendix B1.-Page 6 of 8.

<i>Districts/Sections</i>		8/1	8/2	8/3	8/4	8/5	8/6	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31
Northeast Kodiak	Outer Chiniak																															
	Inner Chiniak																															
	Buskin River																															
	Monashka/Mill Bays																															
Afognak	Southeast Afognak																															
	Duck Bay																															
	Izhut Bay																															
	Inner Kitoi Bay																															
	Outer Kitoi Bay																															
	Northeast Afognak																															
	Pauls Bay																															
	Perenosa																															
	Waterfall Bay SHA																															
	Shuyak Island																															
	Northwest Afognak																															
	Foul Bay SHA																															
	Southwest Afognak																															
	Malina THA																															
	Raspberry Strait																															
Mainland	Big River																															
	Hallo Bay																															
	Outer Kukak Bay																															
	Inner Kukak Bay																															
	Dakavak Bay																															
	Katmai																															
	Alinchak																															
	Cape Igvak																															
	Wide Bay																															
fishing time in entire section																																
fishing time in partial section																																

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<i>Ditricts/Sections</i>		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Northwest Kodiak	Central																														
	North Cape																														
	Anton Larson																														
	Sharatin																														
	Kizhuyak																														
	Terror Bay																														
	Inner Uganik Bay																														
	Spiridon SHA																														
	Spiridon Bay																														
	Zachar Bay																														
	Uyak Bay																														
Southwest Kodiak	Outer Karluk																														
	Inner Karluk																														
	Sturgeon																														
	Halibut Bay																														
	Outer Ayakulik																														
	Inner Ayakulik																														
Alitak	Olga Bay																														
	Moser																														
	Alitak Bay																														
	Cape Alitak																														
	Humpy - Deadman																														
	Dog Salmon Flats																														
	Outer Akalura																														
	Inner Akalura																														
	Outer Upper Station																														
	Inner Upper Station																														
Eastside Kodiak	Seven Rivers																														
	Two Headed																														
	Sitkalidak																														
	Outer Ugak Bay																														
	Inner Ugak Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Districts/Sections		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Northeast Koodiak	Outer Chiniak																														
	Inner Chiniak																														
	Buskin River																														
	Monashka/Mill Bays																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Afognak	Southeast Afognak																														
	Duck Bay																														
	Izhut Bay																														
	Inner Kitoi Bay																														
	Outer Kitoi Bay																														
	Northeast Afognak																														
	Pauls Bay																														
	Perenosa																														
	Waterfall Bay SHA																														
	Shuyak Island																														
	Northwest Afognak																														
	Foul Bay SHA																														
	Southwest Afognak																														
	Malina THA																														
Raspberry Strait																															
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Mainland	Big River																														
	Hallo Bay																														
	Outer Kukak Bay																														
	Inner Kukak Bay																														
	Dakavak Bay																														
	Katmai																														
	Alinchak																														
	Cape Igvak																														
	Wide Bay																														
fishing time in entire section																															
fishing time in partial section																															

Appendix B2.-Summary of emergency orders issued in the Kodiak Management Area, 2006.

E.O.#	Issued	Effective	Action Taken
1	2:30 p.m. 5/12/06	noon 6/1/06	<u>Establishes</u> closed water adjustments, corrects section lines, and allows practice purse seine sets.
2	11:00 a.m. 5/26/06	noon 6/1/06	<p><u>Opening</u> for 57 hours, noon 6/1 to 9:00 p.m. 6/3</p> <ul style="list-style-type: none"> - Central and North Cape Sections - Outer Karluk Section <p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> - Foul Bay Special Harvest Area (FBSHA) - Waterfall Bay Special Harvest Area (WBSHA) <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay and Waterfall Bay
3	11:30 a.m. 6/2/06	noon 6/5/06	<p><u>Opening</u> for 57 hours, noon 6/5 to 9:00 p.m. 6/7</p> <ul style="list-style-type: none"> - Central and North Cape Sections - Outer Karluk Section <p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> - Duck Bay, Izhut Bay, Inner Kitoi Bay and Outer Kitoi Bay Sections <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay.
4	12:30 p.m. 6/6/06	noon 6/9/06	<p><u>Opening</u> for 57 hours, noon 6/9 to 9:00 p.m. 6/11</p> <ul style="list-style-type: none"> - Central and North Cape Sections <p><u>Opening</u> for 33 hours from noon 6/9 until 9:00 p.m. 6/10</p> <ul style="list-style-type: none"> - Alitak District - Southwest Afognak Section (Malina Creek THA remains closed) - Anton Larsen Bay Section - Sharatin Bay Section - Terror Bay Section - Inner Uganik Bay Section - Spiridon Bay Section - Zachar Bay Section - Uyak Bay Section

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E.O.#	Issued	Effective	Action Taken
4 (cont.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay Sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay
5	10:00 a.m. 6/11/06	9:00 p.m. 6/11/06	<p><u>Extension</u> for 72 hours until 9:00 p.m. 6/14</p> <ul style="list-style-type: none"> - Central and North Cape Sections <p><u>Opening</u> for 33 hours from noon 6/14 until 9:00 p.m. 6/15</p> <ul style="list-style-type: none"> - Anton Larsen Bay Section - Sharatin Bay Section - Terror Bay Section - Inner Uganik Bay Section - Spiridon Bay Section - Zachar Bay Section - Uyak Bay Section - Southwest Afognak Section (Malina Creek THA remains closed) - Northwest Afognak Section - Pauls Bay Section - Perenosa Bay Section - Big River and Outer Kukak Sections - Eastside Kodiak District <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay Sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay
6	1:00 p.m. 6/11/06	noon 6/12/06	<p><u>Opening</u> for 57 hours from noon 6/12 until 9:00 p.m. 6/14</p> <ul style="list-style-type: none"> - Outer Karluk Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay <p>-continued-</p>

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E.O.#	Issued	Effective	Action Taken
7	noon 6/13/06	9:00 p.m. 6/14/06	<p><u>Extension</u> for 72 hours until 9:00 p.m. 6/17</p> <ul style="list-style-type: none"> - Central and North Cape sections - Outer Karluk Section <p>12:01 a.m. 6/16/06</p> <p><u>Opening</u> for 48 hours 12:01 a.m. 6/16 to 12:01 a.m. 6/18</p> <ul style="list-style-type: none"> - Cape Igvak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay
8	noon 6/15/06	9:00 p.m. 6/15/06	<p><u>Extension</u> for 48 hours until 9:00 p.m. 6/17</p> <ul style="list-style-type: none"> - Southwest Afognak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay.
9	10:30 a.m. 6/17/06	9:00 p.m. 6/17/06	<p><u>Extension</u> for 72 hours until 9:00 p.m. 6/20</p> <ul style="list-style-type: none"> - Central and North Cape sections - Outer Karluk Section - Southwest Afognak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay
10	10:30 a.m. 6/20/06	9:00 p.m. 6/20/06	<p><u>Extension</u> for 96 hours until 9:00 p.m. 6/24</p> <ul style="list-style-type: none"> - Central and North Cape sections - Outer Karluk Section - Southwest Afognak Section (Malina Creek THA remains closed)

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E.O.#	Issued	Effective	Action Taken
10 (contd.)			<p><u>Opening</u> for 33 hours from noon 6/21 until 9:00 p.m. 6/22</p> <ul style="list-style-type: none"> - Anton Larsen Bay Section - Sharatin Bay Section - Terror Bay Section - Inner Uganik Bay Section - Spiridon Bay Section - Zachar Bay Section - Uyak Bay Section - Northwest Afognak Section - Pauls Bay Section - Perenosa Bay Section - Big River and Outer Kukak sections - Eastside Kodiak District
		9:00 p.m. 6/21/06	<p><u>Closing</u> at 9:00 p.m. 6/21</p> <ul style="list-style-type: none"> - Inner Kitoi Bay Section
		noon 6/21/06	<p><u>Reduction to closed waters</u> from noon 6/21 to 9:00 p.m. 6/22</p> <ul style="list-style-type: none"> - Kafia Creek
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay, Izhut Bay, and Outer Kitoi Bay sections
			<p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay and Waterfall Bay
11	3:00 p.m. 6/22/06	12:01 a.m. 6/24/06	<p><u>Opening</u> for 24 hours from 12:01 a.m. 6/24 until 12:01 a.m. 6/25</p> <ul style="list-style-type: none"> - Inner Karluk Section
		9:00 p.m. 6/24/06	<p><u>Extension</u> until further notice</p> <ul style="list-style-type: none"> - Central and North Cape sections - Outer Karluk Section - Southwest Afognak Section (Malina Creek THA remains closed)
		9:00 p.m. 6/24/06	<p><u>Closing</u> at 9:00 p.m. 6/24</p> <ul style="list-style-type: none"> - Outer Kitoi Bay Section
-			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - FBSHA - WBSHA - Duck Bay and Izhut Bay sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced in: Foul Bay, Waterfall Bay, and Kafia Creek until 9:00 p.m. 6/22
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E.O.#	Issued	Effective	Action Taken
12	11:00 a.m. 6/24/06	12:01 a.m. 6/25/06 noon 6/28/06	<u>Extension</u> until further notice - Inner Karluk Section <u>Opening</u> until further notice - Spiridon Bay Special Harvest Area (SBSHA) <u>Open</u> until further notice - Southwest Afognak Section (Malina Creek THA remains closed) - Central and North Cape sections - Outer Karluk Section - Duck Bay and Izhut Bay sections - FBSHA - WBSHA <u>Closed water adjustments</u> - Reduced in: Foul Bay and Waterfall Bay
13	11:00 a.m. 6/27/06	noon 6/29/06	<u>Effective</u> until further notice: Nonretention of Chinook salmon - Inner and Outer Karluk sections <u>Open</u> until further notice - Southwest Afognak Section (Malina Creek THA remains closed) - Central and North Cape sections - Inner and Outer Karluk sections - Duck Bay and Izhut Bay sections - FBSHA - WBSHA - SBSHA <u>Closed water adjustments</u> - Reduced in: Foul Bay and Waterfall Bay
14	3:00 p.m. 6/28/06	9:00 p.m. 6/30/06	<u>Closing</u> at 9:00 p.m. 6/30 - Izhut Bay Section <u>Open</u> until further notice - Southwest Afognak Section (Malina Creek THA remains closed) - Central and North Cape sections - Inner and Outer Karluk sections - Duck Bay Section - FBSHA - WBSHA - SBSHA

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E.O.#	Issued	Effective	Action Taken
14 (contd.)			<u>Closed water adjustments</u> - Reduced in: Foul Bay and Waterfall Bay <u>Effective</u> until further notice: Nonretention of Chinook salmon - Inner and Outer Karluk sections
15	noon 7/3/06	noon 7/6/06	<u>Opening</u> for 57 hours from noon 7/6 to 9:00 p.m. 7/8 - Mainland District (except the Wide Bay and Cape Igvak sections remained closed). <u>Opening</u> for 105 hours from noon 7/6 to 9:00 p.m. 7/10 - Uyak Bay Section - Zachar Bay Section - Spiridon Bay Section - Inner Uganik Bay Section - Terror Bay Section - Sharatin Bay Section - Anton Larsen Bay Section - Northwest Afognak Section - Raspberry Strait Section - Shuyak Island Section - Pauls Bay Section - Perenosa Bay Section - Northeast Afognak Section - Eastside Kodiak District - Northeast Kodiak District <u>Closing</u> at 9:00 p.m. 7/10 - Southwest Afognak Section (Malina Creek THA remains closed) - Central and North Cape sections - FBSHA - WBSHA <u>Open</u> until further notice - Duck Bay Section - SBSHA - Inner and Outer Karluk sections <u>Effective</u> until further notice: Nonretention of Chinook salmon - Inner and Outer Karluk sections
		9:00 p.m. 7/10/06	
		noon 7/6/06	<u>Closed water adjustments</u> - Reduced until 9:00 p.m. 7/10 in: Foul Bay, Waterfall Bay, and Saltery Creek.
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E.O.#	Issued	Effective	Action Taken
16	noon 7/6/06	9:00 p.m. 7/7/06	<p><u>Closing</u> at 9:00 p.m. 7/7</p> <ul style="list-style-type: none"> - Duck Bay Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA - Inner and Outer Karluk sections <p><u>Effective</u> until further notice: Nonretention of Chinook salmon</p> <ul style="list-style-type: none"> - Inner and Outer Karluk sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/10 in: Foul Bay, Waterfall Bay, and Saltery Creek.
17	11:30 a.m. 7/10/06	<p>noon 7/12/06</p> <p>noon 7/12/06</p> <p>9:00 p.m. 7/16/06</p>	<p><u>Opening</u> for 57 hours from noon 7/12 to 9:00 p.m. 7/14</p> <ul style="list-style-type: none"> - Mainland District (except the Wide Bay and Cape Igvak Section remained closed). <p><u>Opening</u> for 105 hours noon 7/12 to 9:00 p.m. 7/16</p> <ul style="list-style-type: none"> - Northwest Kodiak District - Northwest Afognak Section - Raspberry Strait Section - Shuyak Island Section - Pauls Bay Section - Perenosa Bay Section - Northeast Afognak Section - Eastside Kodiak District - Northeast Kodiak District <p><u>Closing</u> at 9:00 p.m. 7/16</p> <ul style="list-style-type: none"> - Inner and Outer Karluk sections <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA <p><u>Effective</u> until 9:00 p.m. 7/16: Nonretention of Chinook salmon</p> <ul style="list-style-type: none"> - Inner and Outer Karluk sections <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/10 in: Foul Bay and Waterfall Bay - Reduced from noon 7/12 until 9:00 p.m. 7/16 in Saltery Creek
18	3:30 p.m. 7/11/06	noon 7/12/06	<p><u>Opening</u> for 105 hours noon 7/12 to 9:00 p.m. 7/16</p> <ul style="list-style-type: none"> - Southwest Afognak Section <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/16 in: Saltery Creek

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E.O.#	Issued	Effective	Action Taken
18 (contd.)			<u>Open</u> until further notice - SBSHA <u>Effective</u> until 9:00 p.m. 7/16: Nonretention of Chinook salmon - Inner and Outer Karluk Section
19	1:00 p.m. 7/12/06	noon 7/13/06	<u>Opening</u> at noon 7/13 until further notice - Duck Bay Section <u>Open</u> until further notice - SBSHA <u>Closed water adjustments</u> - Reduced until 9:00 p.m. 7/16 in: Saltery Creek <u>Effective</u> until 9:00 p.m. 7/16: Nonretention of Chinook salmon - Inner and Outer Karluk sections
20	8:30 a.m. 7/14/06	noon 7/14/06	<u>Closing</u> the Seaward Zones at noon 7/14 - Northwest Afognak Section - Shuyak Island Section - Big River Section - Hallo Bay Section - Outer Kukak Bay Section - Dakavak Bay Section <u>Open</u> until further notice - SBSHA - Duck Bay Section <u>Closed water adjustments</u> - Reduced until 9:00 p.m. 7/16 in: Saltery Creek <u>Effective</u> until 9:00 p.m. 7/16: Nonretention of Chinook salmon - Inner and Outer Karluk sections
21	noon 7/15/06	noon 7/18/06	<u>Opening</u> for 57 hours from noon 7/18 to 9:00 p.m. 7/20 - Humpy-Deadman Section - Mainland District (except the Seaward Zones of the Big River, Hallo Bay, Outer Kukak Bay, and Dakavak Bay sections and Wide Bay and Cape Igvak sections remain closed)

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E.O.#	Issued	Effective	Action Taken
21 (contd.)		noon 7/19/06	<p><u>Opening</u> for 105 hours noon 7/18 to 9:00 p.m. 7/22</p> <ul style="list-style-type: none"> - Northwest Kodiak District - Outer Karluk Section - Northwest Afognak and Shuyak Island sections (except Seaward Zones remain closed) - Southwest Afognak, Raspberry Strait, Pauls Bay, Perenosa Bay and Northeast Afognak sections - Eastside Kodiak District - Northeast Kodiak District <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA - Duck Bay Section <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/16 in: Saltery Creek <p><u>Effective</u> until 9:00 p.m. 7/16: Nonretention of Chinook salmon</p> <ul style="list-style-type: none"> - Inner and Outer Karluk sections
22	4:00 p.m. 7/17/06	12:01 a.m. 7/20/06	<p><u>Opening</u> for 48 hours from 12:01 a.m. 7/20 to 12:01 a.m. 7/22</p> <ul style="list-style-type: none"> - Cape Igvak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA - Duck Bay Section <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced from noon Tuesday 7/18 until 9:00 p.m. 7/22 in: Saltery Creek
23	noon 7/20/06	noon 7/21/06 12:01 a.m. 7/22/06	<p><u>Opening</u> at noon 7/21 until further notice</p> <ul style="list-style-type: none"> - Izhut Bay Section <p><u>Extension</u> for 48 hours until 9:00 p.m. 7/21</p> <ul style="list-style-type: none"> - Cape Igvak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA - Duck Bay Section <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/22 in: Saltery Creek
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E.O.#	Issued	Effective	Action Taken
24	noon 7/21/06	9:00 p.m. 7/22/06	<u>Extension</u> until 9:00 p.m. 7/26 <ul style="list-style-type: none"> - Central Section - North Cape Section - Inner Uganik Bay Section - Outer Karluk Section - Northwest Afognak and Shuyak Island sections (except Seaward Zones remain closed) - Southwest Afognak, Raspberry Strait, Pauls Bay, Perenosa Bay and Northeast Afognak sections - Eastside Kodiak District - Northeast Kodiak District
		noon 7/24/06	<u>Opening</u> for 57 hours from noon 7/24 to 9:00 p.m. 7/26 <ul style="list-style-type: none"> - Humpy-Deadman Section - Mainland District (except the Seaward Zones of the Big River, Hallo Bay, Outer Kukak Bay, and Dakavak Bay sections and Wide Bay Section remains closed & Cape Igvak Section until 12:01 a.m. 7/26) <u>Open</u> until further notice <ul style="list-style-type: none"> - SBSHA - Duck Bay Section - Izhut Bay Section <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/26 in: Saltery Creek
25	noon 7/23/06	12:01 a.m. 7/24/06	<u>Extension</u> for 48 hours until 12:01 a.m. 7/26 <ul style="list-style-type: none"> - Cape Igvak Section <u>Open</u> until further notice <ul style="list-style-type: none"> - SBSHA - Duck Bay Section - Izhut Bay Section <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/26 in: Saltery Creek
26	11:00 a.m. 7/29/06	6:00 a.m. 7/27/06	<u>Opening</u> in the Alitak District <ul style="list-style-type: none"> - Olga Bay Section from 6:00 a.m. 7/27 to 9:00 a.m. 7/29 - Moser Bay Section from noon 7/27 to 3:00 p.m. 7/29 - Alitak Bay Section from 6:00 p.m. 7/27 to 9:00 p.m. 7/29 - Cape Alitak Section from 6:00 a.m. 7/28 to 9:00 a.m. 7/30 <u>Open</u> until further notice <ul style="list-style-type: none"> - SBSHA - Duck Bay Section - Izhut Bay Section <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 7/26 in: Saltery Creek

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E.O.#	Issued	Effective	Action Taken
27	4:00 p.m. 7/27/06	9:00 p.m. 7/28/06	<p><u>Closing</u> at 9:00 p.m. 7/28</p> <ul style="list-style-type: none"> - Izhut Bay Section <p><u>Opening</u> at noon 7/29 until 9:00 p.m. 8/2</p> <ul style="list-style-type: none"> - Southwest Afognak Section - Northwest Kodiak District - Outer Karluk - Humpy-Deadman Section - Mainland District <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA - Duck Bay Section <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 8/2 in: Humpy Creek <p><u>Opening of Special Harvest Areas:</u> Inner and Outer Kitoi Bay sections</p>
28	11:00 a.m. 7/29/06	9:00 p.m. 7/30/06	<p><u>Closing</u> at 9:00 p.m. 7/30</p> <ul style="list-style-type: none"> - Duck Bay Section <p><u>Opening</u> at noon 7/31 until 9:00 p.m. 8/2</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, Outer Kitoi Bay, Izhut Bay, Duck Bay and Southeast Afognak Sections remain closed) - Eastside Kodiak District - Northeast Kodiak District <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - SBSHA <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until 9:00 p.m. 8/2 in: Humpy Creek
29	noon 8/1/06	6:00 a.m. 8/3/06	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> - Olga Bay Section from 6:00 a.m. 8/3 to 9:00 a.m. 8/5 - Moser Bay Section from noon 8/3 to 3:00 p.m. 8/5 - Alitak Bay Section from 6:00 p.m. 8/3 to 9:00 p.m. 8/5 - Cape Alitak Section from 6:00 a.m. 8/4 to 9:00 a.m. 8/6 <p><u>Opening</u> at noon 8/2 until further notice</p> <ul style="list-style-type: none"> - Sturgeon Section
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E.O.#	Issued	Effective	Action Taken
29 (contd.)		9:00 p.m. 8/2/06	<u>Extension</u> from 9:00 p.m. 8/2 until further notice <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, Outer Kitoi Bay, Izhut Bay, Duck Bay and Southeast Afognak sections which remain closed) - Eastside Kodiak District - Northeast Kodiak District - Outer Karluk Section - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <u>Open</u> until further notice <ul style="list-style-type: none"> - SBSHA <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek
30	11:00 a.m. 8/8/06	noon 8/9/06	<u>Opening</u> from noon 8/9 until further notice <ul style="list-style-type: none"> - Southeast Afognak Section <u>Open</u> until further notice <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, Outer Kitoi Bay, and Izhut Bay sections remain closed) - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Outer Karluk Section - Sturgeon Section - Humpy-Deadman Section - Mainland District - SBSHA <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek
31	noon 8/16/06	noon 8/18/06	<u>Opening</u> from noon 8/18 until further notice <ul style="list-style-type: none"> - Duck Bay Section - Halibut Bay Section
		9:00 p.m. 8/18/06	<u>Closing</u> at 9:00 p.m. 8/18 <ul style="list-style-type: none"> - SBSHA
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E.O.#	Issued	Effective	Action Taken
31 (contd.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, Outer Kitoi Bay, and Izhut Bay sections remain closed) - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Outer Karluk Section - Sturgeon Section - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek
32	noon 8/18/06	noon 8/20/06	<p><u>Opening</u> from noon 8/20 until further notice</p> <ul style="list-style-type: none"> - part of Izhut Bay Section (north of a line from Haystack Rock to Pillar Cape)
		9:00 p.m. 8/20/06	<p><u>Closing</u> at 9:00 p.m. 8/20</p> <ul style="list-style-type: none"> - Outer Karluk Section - Sturgeon Section
		noon 8/21/06	<p><u>Opening</u> at noon 8/21 until further notice</p> <ul style="list-style-type: none"> - Inner Ayakulik Section - Outer Ayakulik Section
		6:00 a.m. 8/21/06	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> - Olga Bay Section from 6:00 a.m. 8/21 to 9:00 a.m. 8/23 - Moser Bay Section from noon 8/21 to 3:00 p.m. 8/23 - Alitak Bay Section from 6:00 p.m. 8/21 to 9:00 p.m. 8/23 - Cape Alitak Section from 6:00 a.m. 8/22 to 9:00 a.m. 8/24 <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, Outer Kitoi Bay, and the southern part of Izhut Bay sections remain closed) - Halibut Bay Section - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman - Mainland District <p><u>Closed water adjustments</u></p> <p>Reduced until further notice in: Humpy Creek</p>
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E.O.#	Issued	Effective	Action Taken
33	2:30 p.m. 8/21/06	noon 8/22/06 noon 8/23/06	<p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> - All of Izhut Bay Section <p><u>Opening</u> at noon 8/23 until further notice</p> <ul style="list-style-type: none"> - Outer Karluk Section - Sturgeon Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay, and Outer Kitoi Bay sections remain closed) - Halibut Bay Section - Inner Ayakulik Section - Outer Ayakulik Section - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek
34	noon 8/22/06	9:00 a.m. 8/23/06	<p><u>Extension</u> in the Alitak District as follows</p> <ul style="list-style-type: none"> - Olga Bay Section until 9:00 a.m. 8/25 - Moser Bay Section until 3:00 p.m. 8/25 - Alitak Bay Section until 9:00 p.m. 8/25 - Cape Alitak Section until 9:00 a.m.8/26 <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay and Outer Kitoi Bay sections remain closed) - Southwest Kodiak District (except the Inner Karluk Section which remains closed) - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek
35	noon 8/24/06	5:00 p.m. 8/25/06	<p><u>Opening</u> at 5:00 p.m. 8/25 until further notice</p> <ul style="list-style-type: none"> - Outer Kitoi Bay Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay Section remains closed)

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E.O.#	Issued	Effective	Action Taken
35	(contd.)		<ul style="list-style-type: none">- Southwest Kodiak District (except Inner Karluk Section remains closed)- Eastside Kodiak District- Northeast Kodiak District- Northwest Kodiak District- Humpy-Deadman Section- Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none">- Reduced until further notice in: Humpy Creek
36	11:00 a.m. 8/26/06	noon 8/27/06 6:00 p.m. 8/27/06	<p><u>Opening</u> for 6 hours from noon 8/27 to 6:00 p.m. 8/27</p> <ul style="list-style-type: none">- Inner Kitoi Bay Section <p><u>Closing</u> at 6:00 p.m. 8/27</p> <ul style="list-style-type: none">- Inner Ayakulik Section- Outer Ayakulik Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none">- Afognak District (except Inner Kitoi Bay Section which opens for 6 hours)- Halibut Bay Section- Sturgeon Section- Outer Karluk Section- Eastside Kodiak District- Northeast Kodiak District- Northwest Kodiak District- Humpy-Deadman Section- Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none">- Reduced until further notice in: Humpy Creek- Reduced from noon until 6:00 p.m. 8/27 at Big Kitoi Creek
37	11:30 a.m. 8/27/06	11:30 a.m. 8/27/06	<p><u>Rescinded opening</u></p> <ul style="list-style-type: none">- Inner Kitoi Bay Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none">- Afognak District (except Inner Kitoi Bay Section remains closed)- Halibut Bay Section- Sturgeon Section- Outer Karluk Section- Eastside Kodiak District- Northeast Kodiak District- Northwest Kodiak District- Humpy-Deadman Section- Mainland District

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E.O.#	Issued	Effective	Action Taken
37 (contd.)			<u>Closed water adjustments</u> - Reduced until further notice in: Humpy Creek
38	10:00 a.m. 8/29/06	noon 8/30/06 6:00 a.m. 8/30/06	<u>Opening</u> for 6 hours from noon 8/30 to 6:00 p.m. 8/30 - Inner Kitoi Bay Section <u>Opening</u> in the Alitak District - Olga Bay Section from 6:00 a.m. 8/30 to 3:00 p.m. 9/2 - Moser Bay Section from noon 8/30 to 9:00 p.m. 9/2 - Alitak Bay Section from 6:00 p.m. 8/30 to 3:00 a.m. 9/2 - Cape Alitak Section from 6:00 a.m. 8/31 to 3:00 p.m. 9/3 <u>Open</u> until further notice - Afognak District (except Inner Kitoi Bay opens for 6 hours) - Halibut Bay Section - Sturgeon Section - Outer Karluk Section - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <u>Closed water adjustments</u> - Reduced until further notice in: Humpy Creek - Expanded from 9:00 p.m. 8/29 until further notice in: Gull Cape Lagoon - Reduced from noon to 6:00 p.m. at Little and Big Kitoi Creeks
39	4:45 p.m. 8/29/06	6:00 a.m. 8/30/06	<u>Rescheduled Opening</u> in the Alitak District - Olga Bay Section from 6:00 a.m. 8/30 to 9:00 a.m. 9/2 - Moser Bay Section from noon 8/30 to 3:00 p.m. 9/2 - Alitak Bay Section from 6:00 p.m. 8/30 to 9:00 p.m. 9/2 - Cape Alitak Section from 6:00 a.m. 8/31 to 9:00 a.m. 9/3 <u>Open</u> until further notice - Afognak District (except Inner Kitoi Bay opens for 6 hours) - Halibut Bay Section - Sturgeon Section - Outer Karluk Section - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <u>Closed water adjustments</u> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon

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E.O.#	Issued	Effective	Action Taken
40	10:00 a.m. 8/31/06	noon 9/2/06	<p><u>Opening</u> for 54 hours from noon 9/2 to 6:00 p.m. 9/4</p> <ul style="list-style-type: none"> - Inner Ayakulik Section - Outer Ayakulik Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay remains closed) - Halibut Bay Section - Sturgeon Section - Outer Karluk Section - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
41	2:00 p.m. 9/3/06	6:00 p.m. 9/4/06	<p><u>Closing</u> at 6:00 p.m. 9/4</p> <ul style="list-style-type: none"> - Halibut Bay Section - Sturgeon Section - Outer Karluk Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay remains closed) - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District - <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
42	noon 9/5/06	6:00 a.m. 9/7/06	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> - Olga Bay Section from 6:00 a.m. 9/7 to 9:00 a.m. 9/9 - Moser Bay Section from noon 9/7 to 3:00 p.m. 9/9 - Alitak Bay Section from 6:00 p.m. 9/7 to 9:00 p.m. 9/9 - Cape Alitak Section from 6:00 a.m. 9/8 to 9:00 a.m. 9/10
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E.O.#	Issued	Effective	Action Taken
42 (contd.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Afognak District (except Inner Kitoi Bay Section remains closed) - Eastside Kodiak District - Northeast Kodiak District - Northwest Kodiak District - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
43	11:00 a.m. 9/7/06	6:00 p.m. 9/8/06	<p><u>Closing</u> at 6:00 p.m. 9/8</p> <ul style="list-style-type: none"> - Central and North Cape Sections <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Uyak Bay Section - Zachar Bay Section - Spiridon Bay Section - Inner Uganik Bay Section - Terror Bay Section - Kizhuyak Bay Section - Sharatin Bay Section - Anton Larsen Bay Section - Afognak District (except Inner Kitoi Bay remains closed) - Eastside Kodiak District - Northeast Kodiak District - Humpy-Deadman Section - Mainland District - Expanded until further notice in: Gull Cape Lagoon <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
44	10:00 a.m. 9/8/06	noon 9/9/06 9:00 a.m. 9/9/06	<p><u>Opening</u> for 78 hours at noon 9/9 until 6:00 p.m. 9/12</p> <ul style="list-style-type: none"> - Inner Ayakulik Section - Outer Ayakulik Section - Halibut Section <p><u>Extension</u> for 48 hours</p> <ul style="list-style-type: none"> - Olga Bay Section until 9:00 a.m. 9/11 - Moser Bay Section until 3:00 p.m. 9/11 - Alitak Bay Section until 9:00 p.m. 9/11 - Cape Alitak Section until 9:00 a.m. 9/12

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E.O.#	Issued	Effective	Action Taken
44 (contd.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Uyak Bay Section - Zachar Bay Section - Spiridon Bay Section - Inner Uganik Bay Section - Terror Bay Section - Kizhuyak Bay Section - Sharatin Bay Section - Anton Larsen Bay Section - Afognak District (except Inner Kitoi Bay Section remains closed) - Eastside Kodiak District - Northeast Kodiak District - Humpy-Deadman Section - Mainland District <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
45	9:30 a.m. 9/12/06	6:00 p.m. 9/12/06 noon 9/13/06 noon 9/16/06	<p><u>Extension</u> from 6:00 p.m. 9/12 until further notice</p> <ul style="list-style-type: none"> - Inner Ayakulik Section - Outer Ayakulik Section - Halibut Bay Section <p><u>Opening</u> from noon 9/13 until further notice</p> <ul style="list-style-type: none"> - Central and North Cape Sections <p><u>Opening from noon 9/16</u> until further notice;</p> <ul style="list-style-type: none"> - Olga Bay Section - Moser Bay Section - Alitak Bay Section - Cape Alitak Section <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> - Uyak Bay Section - Zachar Bay Section - Spiridon Bay Section - Inner Uganik Bay Section - Terror Bay Section - Kizhuyak Bay Section - Sharatin Bay Section - Anton Larsen Bay Section - Afognak District (except Inner Kitoi Bay Section remains closed) - Eastside Kodiak District - Northeast Kodiak District - Humpy-Deadman - Mainland District

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E.O.#	Issued	Effective	Action Taken
45 (contd.)			<u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
46	3:30 p.m. 9/14/06	noon 9/15/06	<u>Opening</u> for 78 hours from noon 9/15 until 6:00 p.m. 9/18 <ul style="list-style-type: none"> - Inner Kitoi Bay Section <u>Open</u> until further notice <ul style="list-style-type: none"> - Northwest Kodiak District - Afognak District (except Inner Kitoi Bay Section remains closed) - Eastside Kodiak District - Northeast Kodiak District - Inner Ayakulik Section - Outer Ayakulik Section - Halibut Bay Section - Humpy-Deadman Section - Mainland District <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon
47	3:30 p.m. 9/15/06	noon 9/16/06	<u>Opening</u> at noon 9/16 until further notice <ul style="list-style-type: none"> - Inner Karluk Section - Outer Karluk Section - Sturgeon Section <u>Open</u> until further notice <ul style="list-style-type: none"> - Northwest Kodiak District - Afognak District (except Inner Kitoi Bay Section remains closed) - Eastside Kodiak District - Northeast Kodiak District - Inner Ayakulik Section - Outer Ayakulik Section - Halibut Bay Section - Humpy-Deadman Section - Mainland District <u>Closed water adjustments</u> <ul style="list-style-type: none"> - Reduced until further notice in: Humpy Creek - Expanded until further notice in: Gull Cape Lagoon

APPENDIX C. CAPE IGVAK FISHERY SUMMARY

Introduction

Beginning in 1964, a purse seine fishery developed along the capes in the Cape Igvak Section of the Mainland District (Appendix C2). Tagging studies and stock identification studies using average weight and age composition conducted in 1968 and 1969 concluded that up to 80 percent of the sockeye salmon harvested in the Cape Igvak Section were of Chignik origin (Simon et al. 1969). The issue of interception of Chignik-bound sockeye salmon in the Cape Igvak Section came before the Alaska Board of Fisheries (BOF) several times over the next ten years, and management of this section was modified many times. From 1974 through 1977, this area was managed for "day for day" equal fishing time with the Chignik Bay District of the Chignik Management Area (CMA).

In 1978, a specific management plan for the Cape Igvak Section was adopted by the BOF. The Cape Igvak Salmon Management Plan (CISMP; 5 AAC 18.360) covers the time period from June 5 through July 25 for fishing activity in the Cape Igvak Section of the Mainland District. This management plan stipulated that 80% of the sockeye salmon harvest from the Cape Igvak Section during the June 5 to July 25 period will be considered Chignik bound. In 2002, the BOF modified the CISMP such that 90% of the Cape Igvak Section sockeye salmon catch was now considered to be Chignik bound. The CISMP allows the KMA fleet to harvest up to 15% of the Chignik-bound sockeye salmon harvest¹. The CISMP also stipulates strict allocative and biological requirements. From June 5 through July 25 in Chignik, a minimum harvest of 600,000 sockeye must be expected (300,000 for both the early and late run), and sockeye salmon escapement must be at desired levels. Commercial fisheries must begin in the CMA before fisheries are allowed in the Cape Igvak Section (Wadle 2006).

Since this plan was adopted in 1978, the catch of Chignik-bound sockeye salmon from the Cape Igvak Section has ranged from 0% to 17.9% of the total Chignik sockeye salmon harvest and has averaged 10.7%, of the total CMA sockeye salmon harvest (Appendix C3 and C4). The Cape Igvak harvest has met or exceeded the 15% allocation level only 7 times (1983, 1987, 1993, 1999, 2001, 2004 and 2005).

2006 Cape Igvak Fishery

Early Run

The preseason forecast for the Chignik system called for a return of approximately 1.21 million early-run (Black Lake) sockeye salmon. The early-run escapement goal is 350,000 to 400,000 sockeye salmon by June 30 (Nelson et al. 2005). This left a forecasted harvestable surplus of 855,000 early-run sockeye salmon (Eggers 2006).

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¹ Chignik bound sockeye salmon are also harvested in the Southeastern Mainland District of the Alaska Peninsula Management Area, in accordance with the regulatory Southeastern District Mainland Salmon Management Plan, 5 AAC 09.360.

The Igvak Section was allowed to open for 48 hours on June 16. At the time, the sockeye salmon escapement through the Chignik weir (51,273 fish) was within the interim escapement goals (40,000 to 55,000 sockeye salmon) and the run appeared to be developing. With the harvestable surplus at Chignik expected to be more than 600,000 sockeye salmon, it was a reasonable assumption that a minimum of 300,000 sockeye salmon would be harvested by Chignik fishermen by July 9.

It became apparent that the 2006 early Chignik sockeye salmon return was much weaker than forecasted and would probably not produce a harvestable surplus of 300,000 fish in the CMA. As a result, no additional fishing periods were allowed in June during the early run to Chignik. By June 25, there were 25,608 sockeye salmon harvested from the Cape Igvak Section Appendix C5). An estimated 90% of these sockeye salmon, or 23,047 fish, were considered Chignik-bound salmon. Combined with the harvest in the CMA (there was no harvest of sockeye salmon in the Southeast District Mainland Fishery of Area M) the cumulative Cape Igvak harvest was 12.86% of the total Chignik sockeye harvest as of June 25. The CISMP provides for an “overlap period” between the first and second runs (approximately June 26 to July 9) during which fishing in the Cape Igvak Section is closed or severely limited until the strength of the late run (Chignik Lake) can be assessed. In accordance with the CISMP, the Igvak fishery was closed from June 26 through July 9.

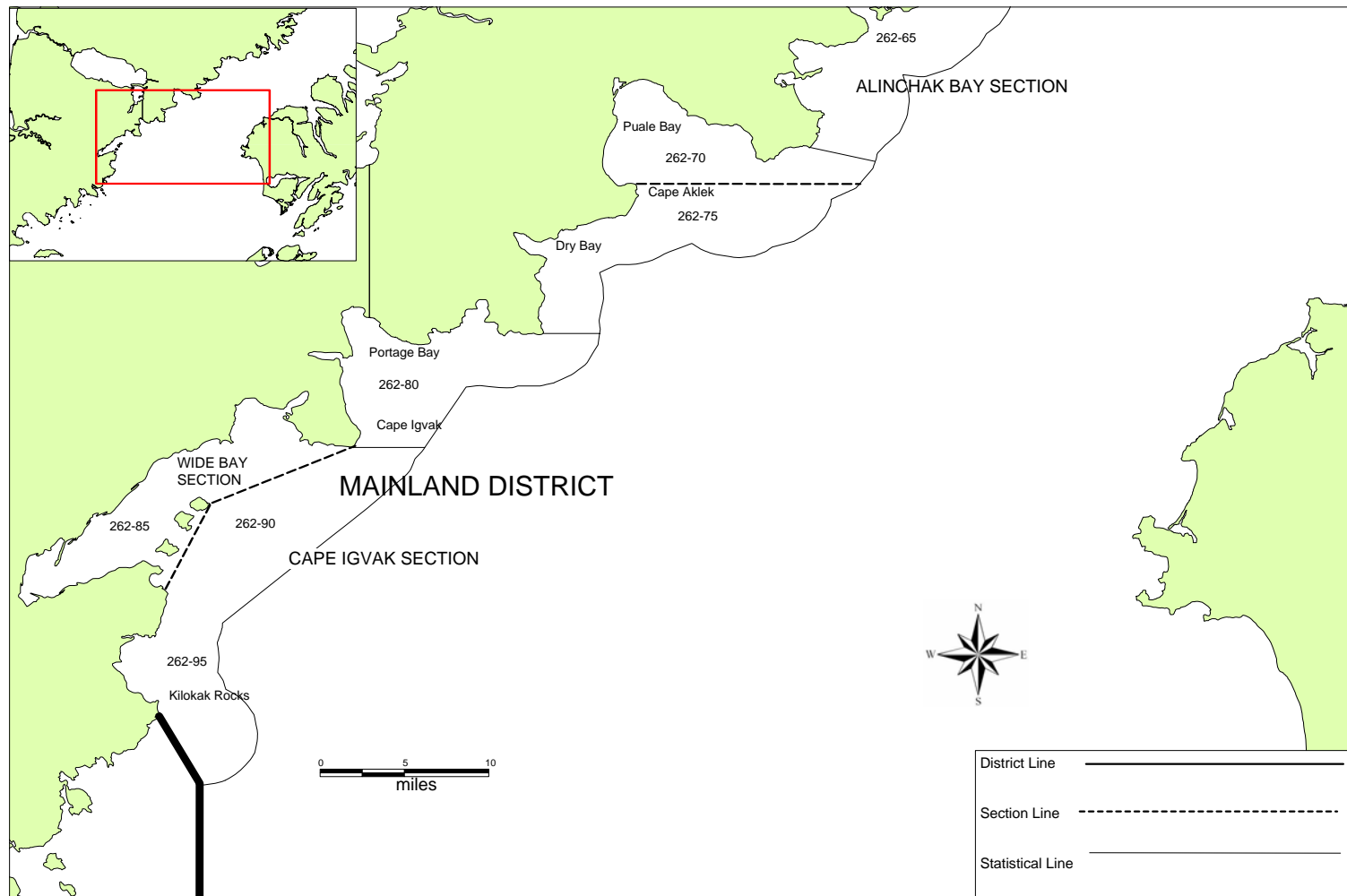
Late Run

In 2006, the preseason forecast for late-run (Chignik Lake) sockeye salmon was approximately 282,000 fish. The late-run escapement goal is 250,000 to 300,000 sockeye salmon. This left a forecasted harvestable surplus of 32,000 sockeye salmon.

By July 10, it was apparent the late run was much stronger than forecast. Minimum harvest objectives and escapement objectives were being met in Chignik and commercial harvest of salmon resumed in the CMA on the late run. A 48-hour fishing period was allowed in the Cape Igvak Section beginning on July 20. Harvest rates of sockeye salmon were slow and effort was very light. The fishing period was extended through July 25. At the end of the Cape Igvak season, the cumulative harvest of Chignik-bound sockeye salmon (41,834 fish) was 4.95% of the total Chignik sockeye salmon harvest (Appendix C3).

References Cited

- Eggers, D. M. 2006. Run Forecasts and Harvest Projections for 2006 Alaska salmon fisheries and review of the 2005 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Special Publication 06-01, Anchorage.
- Nelson, P A., M. J. Witteveen, S. G. Honnold, I. Vining and J. J. Hasbrouck. 2005. Review of salmon escapement goals in the Kodiak Management area. Alaska Department of Fish and Game, Fishery Manuscript No. 05-05, Anchorage.
- Simon, R. J., J. Lechner, M. F. Eaton, and P. B. Jackson. 1969. Kodiak Management Area Annual Report, 1969. State of Alaska, Division of Commercial Fisheries, Region IV Report (unpublished), Kodiak.
- Wadle, J. 2006. Kodiak Management Area harvest strategy for the 2006 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K06-26, Kodiak.
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Appendix C2.-Map of the Cape Igvak Section of the Kodiak Management Area, 2006.

Appendix C3.-Harvest of sockeye salmon considered to be Chignik bound in the Chignik, Cape Igvak, and Southeastern District Mainland commercial salmon fisheries, from 1978-2006.

Year	Chignik		Cape Igvak ^a		Southeastern District Mainland ^a		Total
	Catch ^b	Percent	Catch ^b	Percent	Catch ^b	Percent	
1978 ^{c,d}	1,454,389	86.60	225,078	13.40	N/A	N/A	1,679,467
1979 ^e	794,504	98.27	13,950	1.73	N/A	N/A	808,454
1980	670,001	91.31	32	0.00	63,724	8.68	733,757
1981	1,606,300	79.87	282,727	14.06	122,198	6.08	2,011,225
1982	1,250,768	84.49	166,756	11.26	62,789	4.24	1,480,313
1983	1,450,832	72.68	318,048	15.93	227,392	11.39	1,996,272
1984	2,474,405	73.93	449,372	13.43	423,292	12.65	3,347,069
1985 ^f	690,698	79.78	123,627	14.28	51,421	5.94	865,746
1986	1,456,729	82.64	188,017	10.67	118,006	6.69	1,762,752
1987	1,659,236	77.99	321,506	15.11	146,886	6.90	2,127,628
1988	675,487	95.77	10,520	1.49	19,320	2.74	705,327
1989	496,044	99.10	0	0.00	4,485	0.90	500,529
1990	1,205,575	84.29	107,706	7.53	117,065	8.18	1,430,346
1991 ^g	1,962,583	80.45	324,195	13.29	152,714	6.26	2,439,492
1992 ^h	1,054,309	81.19	150,434	11.58	93,845	7.23	1,298,588
1993	1,495,098	77.72	300,055	15.60	128,536	6.68	1,923,689
1994 ⁱ	1,632,435	80.61	250,230	12.36	142,350	7.03	2,025,015
1995	1,024,785	79.85	169,530	13.21	89,086	6.94	1,283,401
1996 ^j	1,710,249	79.70	308,327	14.37	127,201	5.93	2,145,777
1997	443,892	100.00	0	0.00	0	0.00	443,892
1998 ^k	786,466	91.22	8,813	1.02	66,893	7.76	862,172
1999	2,326,811	78.70	456,039	15.43	173,621	5.87	2,956,471
2000	1,509,652	80.11	271,344	14.40	103,419	5.49	1,884,415
2001 ^l	1,134,991	79.41	215,214	15.06	79,037	5.53	1,429,242
2002 ^m	849,980	80.99	136,488	13.01	63,026	6.01	1,049,494
2003	855,179	81.68	121,887	11.64	69,935	6.68	1,047,001
2004	681,120	75.94	160,665	17.91	55,123	6.15	896,908
2005	1,097,405	70.82	274,328	17.70	177,906	11.48	1,549,639
2006	741,887	87.72	41,834	4.95	62,010	7.33	845,731

^a Through 2001, the Cape Igvak and Southeastern District Mainland figures represent 80% of the total sockeye salmon catch for those areas, based on the premise that only 80% of the sockeye caught in those areas are destined for Chignik (excluding sockeye caught in the Northwest Stepovak Section from 1964 to 1991 and during July 1996, and Orzinski Bay from 1992 to 1995). In 2002, for the Cape Igvak fishery, the BOF increased the percentage of the sockeye salmon harvest considered to be Chignik bound from 80% to 90%.

^b Catch numbers were last modified from the ADF&G computerized historical fish ticket database in 2006.

^c Beginning in 1978, the Cape Igvak Salmon Management Plan allocated up to 15% of the total catch of Chignik-bound sockeye salmon to Kodiak Management Area fishers.

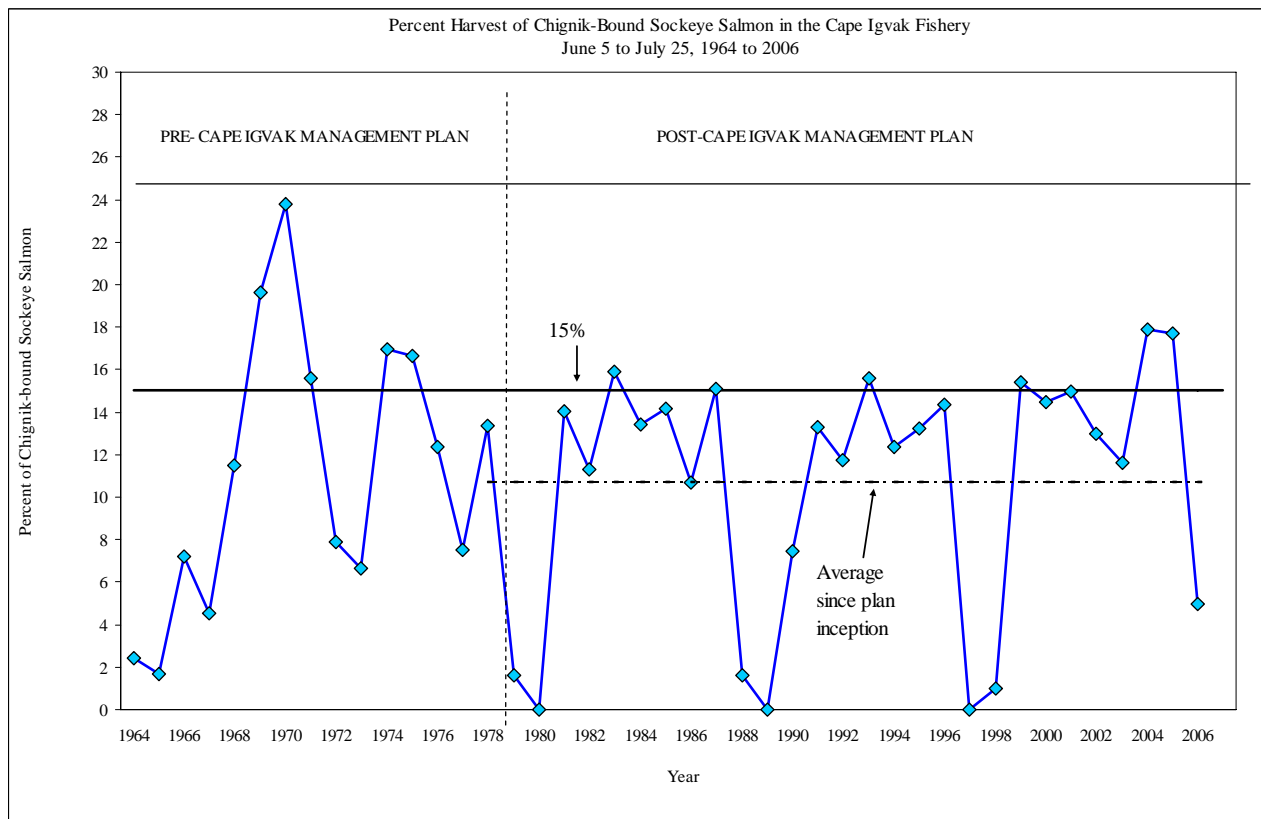
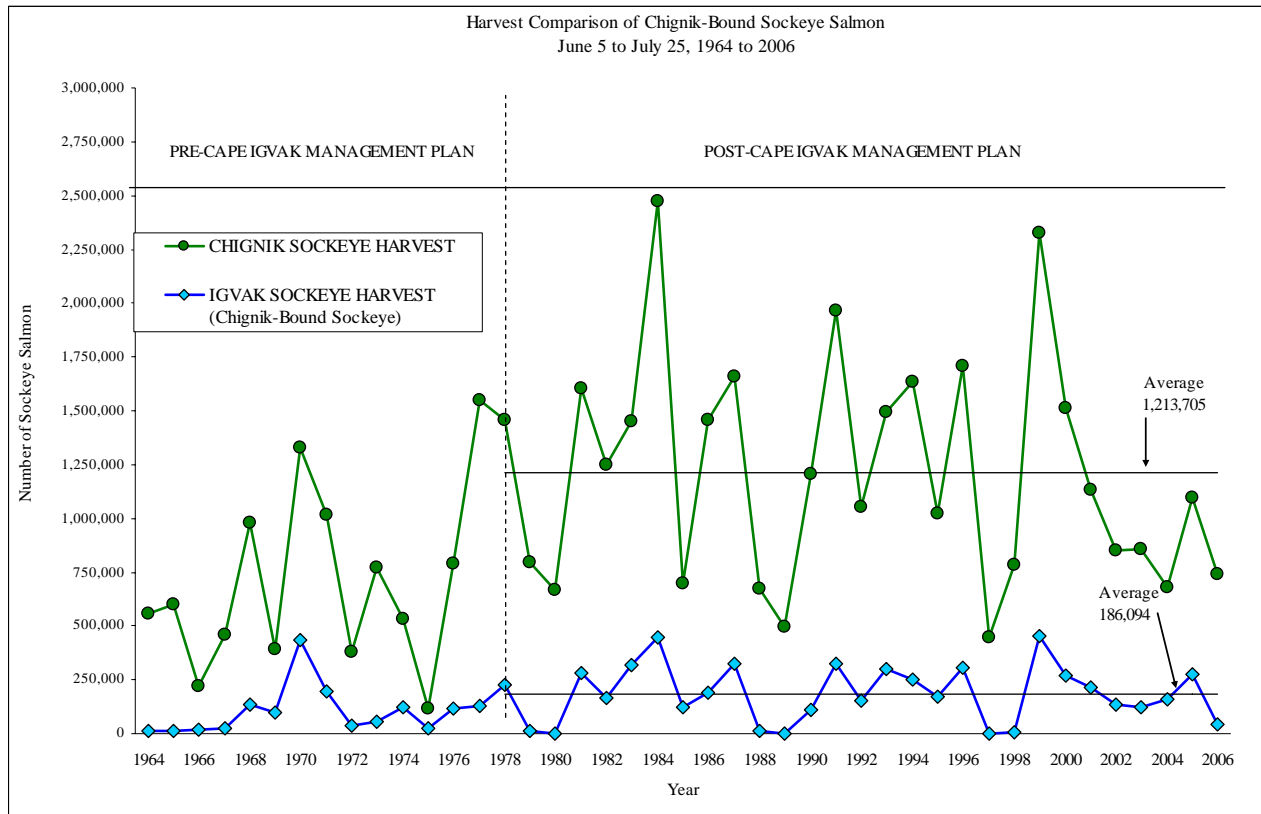
^d In 1978, seining prior to July 11 was disallowed in the Southeastern District Mainland. Set gillnet fisheries were allowed for 3 days per week through July 10, after which the fishery was based on local stock abundance.

^e From 1979 through 1984, fishing in the Southeastern District Mainland was allowed for 5 days per week prior to July 11, with an estimated ceiling of 60,000 Chignik-bound sockeye. If the Chignik Management Area catch was 1,000,000 or more before July 11 then the ceiling was removed.

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- ^f Beginning in 1985, the Southeastern District Mainland (excluding the Northwest Stepovak Section and Orzinski Bay) was allowed an allocation of 6.2% of the total harvest of Chignik-bound sockeye salmon through July 25. After July 25 the Southeast District Mainland was managed based on local stock abundance. The allocation level changed to 6.0% beginning in 1988, with seining still not allowed prior to July 11.
- ^g Includes over-escapement of 208,305 sockeye salmon, counted through the Chignik weir during a Chignik Area seiners strike (June 23 to July 4).
- ^h Beginning in 1992, after Board of Fisheries review of historical records, the allocation of Chignik bound sockeye to the Southeastern District Mainland fishery (excluding Orzinski Bay) was increased to 7.0%, through July 25.
- ⁱ Includes over-escapement of 208,921 sockeye salmon, counted through the Chignik weir during a Chignik Area Seiners strike (June 2 to June 25).
- ^j In January 1996 the BOF increased the area managed for local Orzinski Lake sockeye salmon from only Orzinski Bay to the entire Northwest Stepovak Section. Prior to July 1 the entire Northwest Stepovak Section will be managed by allocation based on Chignik sockeye salmon run strength. Beginning July 1 the Northwest Stepovak Section is managed entirely on local stocks. The BOF also decreased the percentage of Chignik bound sockeye salmon allocated to the Southeastern District Mainland fishery from 7.0 percent to 6.0 percent.
- ^k Includes 7,714 sockeye salmon caught on June 18 by the Chignik Seiners Association (CSA), and an over escapement of 52,131 sockeye salmon counted past the weir during the CSA boycott (June 16 to June 29).
- ^l Includes 176,605 sockeye salmon caught June 16-29 by the CSA, and foregone harvest due to over-escapement of 398,887 in the CMA and 27,896 in the SEDM during the fishermen's strike (June 14 to July 2).
- ^m In 2002, the Board of Fisheries changed the regulations such that 90% of the sockeye salmon harvested in the Cape Igvak Section from June 5 through July 25 are to be considered Chignik bound.
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Appendix C4.-Impact of the Cape Igvak Salmon Management Plan.



Appendix C5.-Purse seine daily harvest, by species, for the Cape Igvak Sockeye Salmon fishery, 2006.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
First Period (June 9-July 8)													
16-Jun	34	35	175	2,061	12,708	67,723	2	10	1,914	6,057	2,171	19,061	
17-Jun	33	33	143	1,731	12,900	62,688	1	4	1,920	5,652	3,292	31,199	
Subtotal		43	68	318	3,792	25,608	130,411	3	14	3,834	11,709	5,463	50,260
Second Period (July 9-July 25)													
20-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*
21-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*
22-Jul	14	14	315	4,457	5,648	30,005	692	4,858	52,625	173,106	6,110	52,364	
23-Jul	9	9	146	2,119	3,891	22,935	626	4,342	47,187	160,163	5,563	49,680	
24-Jul	8	9	183	2,923	4,643	23,233	707	4,963	58,000	181,675	6,463	58,188	
25-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*
Subtotal		16	40	860	12,281	20,874	110,521	2,843	20,268	201,140	679,272	26,054	232,569
Season total		46	108	1,178	16,073	46,482	240,932	2,846	20,282	204,974	690,981	31,517	282,829
Average wt.					13.6		5.2		7.1		3.4		9.0

* Confidential data.

APPENDIX D. ALITAK DISTRICT FISHERY SUMMARY

Introduction

The Alitak District (AD) fishery is unique in the Kodiak Management Area (KMA), because set gillnet and seine gear can both fish in this district, but are segregated by sections. Set gillnets are allowed only in the inside waters of the Alitak Bay, Moser Bay, and Olga Bay Sections, while seine gear is limited to the outer waters of the Cape Alitak and Humpy-Deadman Sections until September 5 (5 AAC 18.330 (d)(2); 2005; Appendix D2). Prior to the mid-1980s, various strategies were applied in the AD to conserve and build the sockeye salmon stocks returning to the Frazer, Akalura, and Upper Station systems, while offering some protection to local pink, chum, and coho salmon stocks. In 1987, the existing harvest strategy was formalized into a regulatory management plan, and was adopted by the Alaska Board of Fisheries (BOF) (5AAC 18.361; 2005). This plan details the key species and targeted stocks that are managed for in each section of the district throughout the fishing season. The stated intent of this plan is that salmon be harvested in the "traditional" fisheries located in the Cape Alitak, Humpy-Deadman, Alitak Bay, Moser Bay, and Olga Bay Sections (Wadle 2006).

This management plan has been in effect since 1988 and was most recently revised by the BOF in 2005. The BOF divided the former Moser-Olga Bay and Alitak Bay sections into three separate sections: Olga Bay, Moser Bay, and Alitak Bay. Each section was given a specific statistical area number. The initial commercial fishing period remained a 33-hour, commercial test fishery, for the entire AD (Wadle 2006). However, through September 15, all subsequent commercial salmon fisheries in the Cape Alitak Section and the new Alitak Bay, Moser Bay, and Olga Bay sections have staggered opening and closing times according to regulation (ADF&G 2005; 5 AAC 18.361(c)).

2006 Alitak Fishery

The 2006 forecast for the Frazer Lake system was 204,000 sockeye salmon (Eggers 2006; range 17,000 to 398,000), with an estimated harvestable surplus of approximately 99,000 sockeye salmon. The forecast for Upper Station early run was 120,000 sockeye salmon (range 61,000 to 179,000), with an estimated harvestable surplus of approximately 90,000 sockeye salmon (Eggers 2006).

KMA managers tentatively scheduled a commercial salmon fishing period for June 5 in the AD if certain criteria were met prior to June 3. The intent of the early opening was to allow commercial fishermen the opportunity to harvest Upper Station early-run sockeye salmon prior to the Frazer Lake system sockeye salmon peak run timing. Sockeye salmon escapement to the Upper Station system began later than normal with lower than average daily escapement counts by June 3.

By June 6, it was evident that the early Upper Station run was either weak or late. Test fish catches were the lowest on record. Despite this, in accordance with the Alitak District Management Plan

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(ADMP), the department allowed a 33-hour test fishery starting on June 9 to test the strength of the run.

Cumulative escapements into the Upper Station System continued to be below interim objectives throughout the early run and no additional fishing periods were allowed through July 15. Through July 15, 24,497 sockeye salmon had escaped (Caldentey 2007) below the early Upper Station sustainable escapement goal (SEG) (30,000 – 65,000; Nelson et al. 2005).

The cumulative sockeye salmon escapement of Frazer Lake sockeye salmon through the Dog Salmon weir by July 1 was 26,015 fish: (Caldentey 2007), and below interim objectives. During the first two weeks of July, with no commercial fishing allowed in the AD, escapement rates through the Dog Salmon weir increased and by July 5 the cumulative escapement rose slowly to just above the minimal escapement objectives. As of July 15, the cumulative escapement of 56,553 sockeye salmon was still below seasonal escapement objectives (70,000 – 150,000: Nelson et al. 2005) but well within the interim escapement objectives for that date.

The ADMP (5AAC 18.361; 2005) dictates that during even-numbered years (as in 2006), from July 16 through August 9, commercial salmon fishing must be managed in the Cape Alitak, Moser, and Olga Bay Sections based on sockeye salmon returns to either the Frazer or Upper Station systems. After July 15, the Humpy-Deadman Section shall be managed based on the strength of salmon runs to its systems through season's end.

The late-run Upper Station sockeye salmon run was forecasted to be an estimated at 283,000 fish (range 112,000 to 454,000) with a harvestable surplus of approximately 97,000 (Eggers 2006). Because of the small return of late run sockeye salmon expected at Upper Station, and continuing mediocre late escapements into Frazer Lake, no fishing time was allowed in the AD until July 27. Even with long closures between subsequent commercial openings, the Upper Station and Frazer sockeye salmon escapement counts were not large, although they fell within interim objectives throughout the season.

Strong pink and chum salmon runs returning to streams in the Humpy-Deadman Section resulted in 57-hour openings starting July 18 and July 24 followed by continuous fishing starting July 29. Escapements of pink and chum salmon in streams of this section were generally more than adequate.

The late-run Upper Station cumulative escapement was 153,153 sockeye salmon (Caldentey 2007), meeting the established SEG (120,000 to 265,000 fish; Nelson et al. 2005). The season cumulative escapement through Dog Salmon weir was 108,343 sockeye salmon (Caldentey 2007) which was within the escapement goal range of 70,000 to 150,000 fish (Nelson et al. 2005).

Season Totals

Twenty-seven gillnet permit holders fished in the Alitak Bay Section (statistical area 257-41), and harvested 2 Chinook, 28,647 sockeye, 1,109 coho, 72,743 pink, and 1,178 chum salmon (Appendix D3). Twenty-five gillnet permit holders fished in Moser Bay (statistical area 257-43), and harvested 0 Chinook, 23,748 sockeye, 985 coho, 42,743 pink, and 391 chum salmon (Appendix Table D3). Twenty-one gillnet permit holders fished in Olga Bay (statistical

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area 257-40), and harvested 2 Chinook, 12,927 sockeye, 703 coho, 13,851 pink, and 567 chum salmon (Appendix D3).

Fifteen seine permit holders fished in the Cape Alitak Section (statistical areas 257-10 and 20) and harvested 26 Chinook, 6,583 sockeye, 582 coho, 127,798 pink, and 9,928 chum salmon (Appendix D4). Twenty-three seine permit holders fished in the Humpy-Deadman Section (statistical areas 257-50, 60 and 70) and harvested 25 Chinook, 14,381 sockeye, 1,070 coho, 2,615,835 pink and 34,840 chum salmon (Appendix D4).

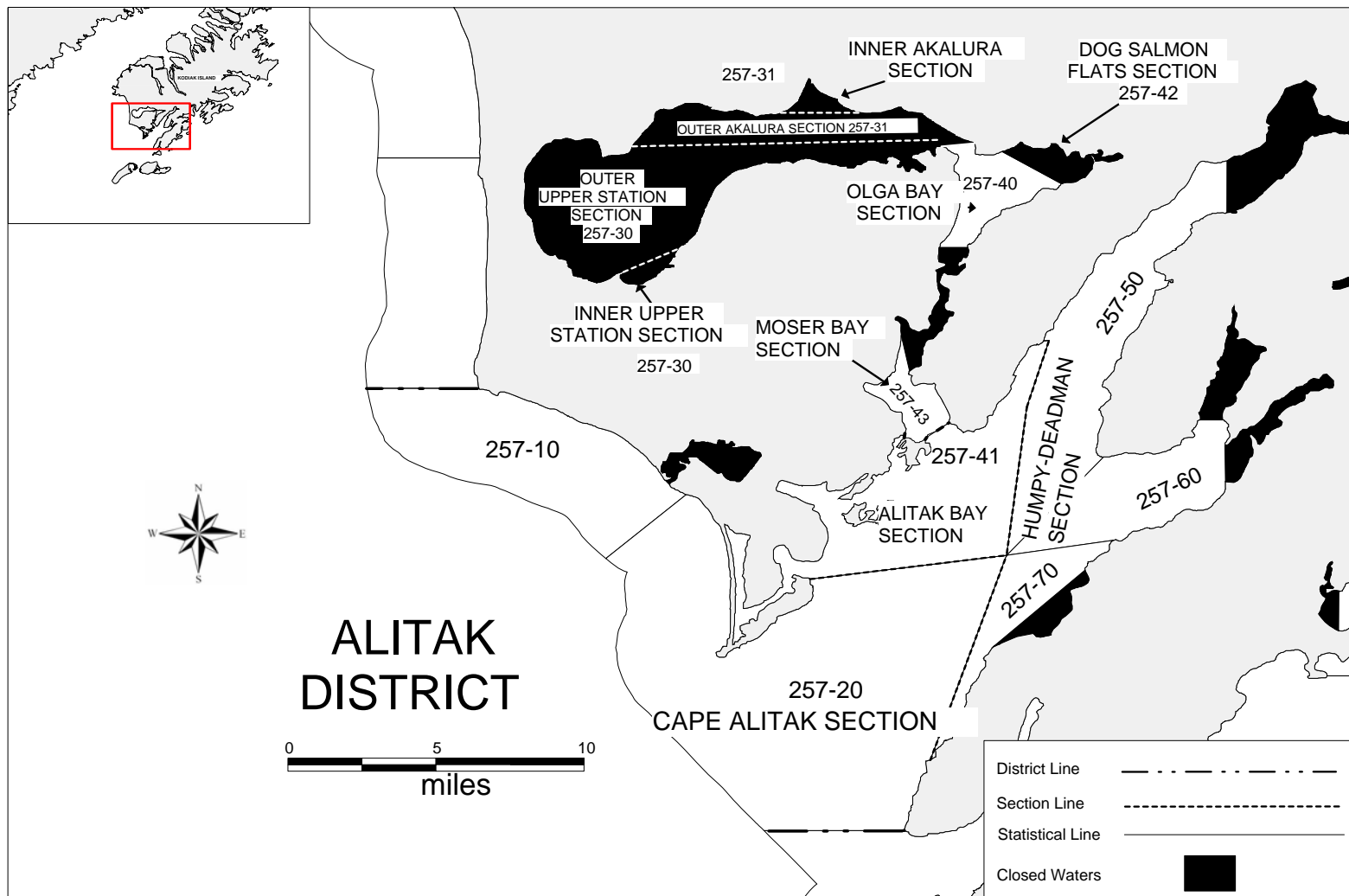
Twenty-four purse seine permit holders fished in the AD fisheries, and harvested 51 Chinook (93% of the total AD Chinook harvest), 20,964 sockeye (24%), 1,652 coho (37%), 2,743,633 pink (95%), and 44,768 chum salmon (95%; Appendices D4, D5 and D6). Sixty gillnet permit holders fished in the AD, and harvested 4 Chinook (7%), 65,332 sockeye (76%), 2,797 coho (63%), 129,337 pink (5%), and 2,136 chum (5%) salmon (Appendices D3, D5 and D6).

Terminal harvest fisheries were not prosecuted in 2006 in the AD. There was no salmon harvest allowed in the Dog Salmon Flats Section (statistical area 257-42), the Inner and Outer Upper Station Section (statistical area 257-30) or the Akalura Section (statistical area 257-31).

The escapement counted through the Dog Salmon weir equaled 108,343 sockeye salmon (Caldentey 2007). However, the sockeye salmon escapement through the Frazer Lake fish pass equaled 89,516, which was within the current escapement goal range of 70,000 to 150,000 fish (Nelson et al. 2005). The total sockeye salmon escapement into the Upper Station system was 177,650 (Caldentey 2007) which was within the combined early and late-run escapement goals of 150,000 to 330,000 fish (Nelson et al. 2005).

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Appendix D2.-Map of the Alitak District showing sections statistical areas and closed waters, 2006.

Appendix D3.-Set gillnet daily salmon harvest, by species and section, for the Alitak District sections, 2006.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Olga Bay Section 257-40													
	9-Jun	10	12	1	12	1,373	6,856	0	0	0	0	13	135
	10-Jun	11	12	1	21	1,094	5,266	0	0	0	0	6	49
	27-Jul	9	9	0	0	809	4,236	1	7	197	820	76	654
	28-Jul	9	11	0	0	631	3,204	2	14	284	932	38	355
	29-Jul	7	7	0	0	101	560	0	0	84	283	13	102
	3-Aug	10	12	0	0	1,041	5,495	1	9	2,058	7,939	47	417
	4-Aug	9	10	0	0	555	2,740	3	26	1,474	5,285	42	335
	5-Aug	9	10	0	0	357	1,904	8	49	760	2,871	28	216
	21-Aug	9	11	0	0	761	4,028	21	195	2,749	9,721	42	330
	22-Aug	7	11	0	0	1,638	8,588	37	322	2,281	7,773	38	332
	23-Aug	7	9	0	0	511	2,837	57	509	1,294	4,821	51	447
	24-Aug	7	7	0	0	296	1,677	37	352	654	2,648	11	107
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	6	10	0	0	987	5,248	74	684	451	1,640	25	223
	31-Aug	6	10	0	0	686	3,614	85	813	655	2,370	32	264
	1-Sep	6	7	0	0	340	1,724	48	569	268	1,098	27	243
	2-Sep	4	4	0	0	135	746	19	199	151	585	10	96
	7-Sep	7	10	0	0	870	4,671	115	1,083	91	268	22	178
	8-Sep	8	9	0	0	411	2,156	121	1,227	131	498	26	184
	9-Sep	4	4	0	0	85	500	46	411	49	186	10	86
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	Total	21	181	2	33	12,927	67,380	703	6,763	13,851	50,635	567	4,839
	Avg. wt.				16.5		5.2		9.6		3.7		8.5
Moser Bay Section 257-43													
	9-Jun	4	4	0	0	1,181	6,175	0	0	0	0	0	0
	10-Jun	5	9	0	0	1,310	7,000	0	0	0	0	7	75

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-43 (contd)	27-Jul	11	12	0	0	1,109	5,927	11	77	1,319	5,083	24	195
	28-Jul	12	14	0	0	1,304	6,947	3	22	1,411	5,333	25	222
	29-Jul	12	14	0	0	1,000	5,318	0	0	1,246	4,614	16	125
	3-Aug	12	12	0	0	1,550	8,195	13	109	6,808	24,194	37	360
	4-Aug	13	22	0	0	1,711	9,193	16	123	7,522	28,265	34	264
	5-Aug	12	15	0	0	1,683	8,822	9	62	4,156	15,914	13	101
	21-Aug	9	9	0	0	1,640	8,356	58	468	3,865	15,165	34	264
	22-Aug	13	20	0	0	2,292	12,306	134	1,203	5,940	22,096	42	338
	23-Aug	11	17	0	0	1,921	10,182	128	1,090	3,435	13,263	25	206
	24-Aug	12	15	0	0	1,158	6,317	90	1,005	2,894	11,720	18	163
	25-Aug	9	10	0	0	1,363	7,614	57	613	1,352	5,474	7	56
	30-Aug	7	7	0	0	685	3,725	79	637	556	2,080	33	279
	31-Aug	9	11	0	0	1,097	5,933	137	1,252	1,072	3,948	27	217
	1-Sep	8	14	0	0	1,212	6,577	155	1,491	721	2,814	24	206
	2-Sep	7	7	0	0	438	2,493	14	132	153	579	1	7
	7-Sep	5	5	0	0	427	2,388	38	354	166	578	14	95
	8-Sep	4	4	0	0	174	957	9	79	102	359	4	37
	9-Sep	4	4	0	0	97	530	13	126	25	102	1	11
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		25	230	0	0	23,748	127,068	985	9,046	42,743	161,581	391	3,258
Avg. wt.							5.4		9.2		3.8		8.3
Alitak Bay Section 257-41	9-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jun	8	11	0	0	2,473	11,951	0	0	0	0	13	128
	27-Jul	4	4	0	0	267	1,351	0	0	589	2,317	3	25
	28-Jul	18	28	0	0	2,773	14,652	11	88	7,248	25,990	190	1,510
	29-Jul	13	19	0	0	2,226	11,759	4	24	6,053	22,392	95	823
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	14	27	0	0	2,668	14,301	11	81	16,518	59,254	115	938

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-41													
(contd)													
	5-Aug	13	19	0	0	2,665	14,137	9	55	17,376	62,354	135	1,118
	21-Aug	6	6	0	0	589	3,156	9	58	1,240	4,493	9	91
	22-Aug	13	22	0	0	2,247	12,179	75	575	8,642	32,386	98	827
	23-Aug	12	17	0	0	1,936	10,527	154	973	4,751	17,938	57	496
	24-Aug	8	11	1	5	2,052	10,529	147	1,197	2,730	10,303	80	719
	25-Aug	12	15	0	0	1,759	9,444	118	994	2,642	10,146	55	463
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	11	18	0	0	1,770	9,119	126	974	1,499	5,734	60	437
	1-Sep	13	18	0	0	1,971	10,566	194	1,668	1,648	6,595	113	976
	2-Sep	11	15	0	0	1,416	7,292	92	754	361	1,368	46	387
	8-Sep	9	9	1	19	212	1,185	30	272	99	387	37	293
	9-Sep	8	9	0	0	461	2,698	47	402	55	220	32	277
	10-Sep	7	10	0	0	479	2,695	71	663	82	301	27	213
	11-Sep	5	5	0	0	301	1,776	9	82	26	100	6	58
	Total	27	269	2	24	28,647	151,210	1,109	8,884	72,743	267,014	1,178	9,840
	Avg. wt.				12.0		5.3		8.0		3.7		8.4
	Grand Total	60	680	4	57	65,322	345,658	2,797	24,693	129,337	479,230	2,136	17,937
	Avg. wt.				14.3		5.3		8.8		3.7		8.4

* Confidential data

Appendix D4.-Purse seine daily salmon harvest, by species and section, for the Alitak District, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Cape Alitak Section (257-10 & 20)													
	10-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	11	11	16	327	1,363	5,648	37	259	32,890	105,832	7,565	57,953
	6-Aug	5	8	5	25	227	1,168	1	7	63,129	220,799	1,649	11,627
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	4	5	3	48	2,807	14,043	412	3,037	16,506	65,102	158	1,352
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		15	33	26	444	6,583	32,066	582	4,370	127,798	453,809	9,928	75,473
Avg. Wt.					17.1		4.9		7.5		3.6		7.6
Humpy/Deadman Section 257-50, 60, & 70													
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	4	4	1	26	786	3,733	0	0	54,155	171,779	1,144	9,489
	29-Jul	11	11	3	65	639	3,099	14	114	107,054	360,222	275	2,133
	30-Jul	12	13	0	0	530	2,814	11	80	115,133	365,051	453	3,442
	31-Jul	4	6	1	22	280	1,609	1	8	48,223	177,576	142	1,189
	1-Aug	5	9	1	13	453	2,353	7	49	89,442	328,838	204	1,793
	2-Aug	8	12	0	0	371	1,806	18	141	119,152	419,916	837	6,425
	3-Aug	11	11	2	35	425	2,064	7	61	93,680	331,293	591	4,699
	4-Aug	11	13	4	89	531	2,412	4	33	124,541	411,194	3,353	25,364
	5-Aug	8	10	2	65	437	1,918	8	59	126,883	403,822	2,214	16,739
	6-Aug	7	7	5	25	393	1,891	3	21	73,253	249,919	1,939	16,158
	7-Aug	6	8	0	0	131	718	0	0	82,228	285,037	1,015	8,191
	8-Aug	10	17	1	22	182	1,071	2	10	142,481	494,345	382	3,158
	9-Aug	9	13	3	39	424	2,408	7	59	104,599	375,343	450	3,499

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-50, 60, & 70 (continued)	10-Aug	9	14	0	0	946	5,857	3	36	139,633	510,062	1,657	11,099
	11-Aug	8	11	0	0	1,005	5,777	2	14	142,984	425,595	846	6,567
	12-Aug	8	16	1	30	1,043	6,265	2	26	181,432	558,057	764	6,140
	13-Aug	8	12	1	29	387	2,205	12	99	139,492	459,183	365	2,945
	14-Aug	8	15	0	0	265	1,258	8	64	133,093	442,398	344	2,613
	15-Aug	9	14	0	0	1,566	7,713	24	203	141,476	463,508	545	4,112
	16-Aug	7	8	0	0	1,096	4,282	24	280	82,887	296,893	572	4,549
	17-Aug	7	11	0	0	403	1,840	22	168	76,670	250,625	271	2,010
	18-Aug	6	9	0	0	86	364	19	155	98,363	352,005	157	1,404
	19-Aug	5	6	0	0	961	4,150	71	627	39,884	139,791	2,127	17,018
	20-Aug	6	7	0	0	196	917	688	5,577	60,328	205,820	321	2,756
	21-Aug	4	4	0	0	50	273	12	102	35,620	121,452	319	2,490
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		23	278	25	460	14,381	72,638	1,070	8,832	2,615,835	8,836,056	34,840	274,259
Avg. Wt.					18.4		5.1		8.3		3.4		7.9
Grand Total		24	311	51	904	20,964	104,704	1,652	13,202	2,743,633	9,289,865	44,768	349,732
Avg. Wt.					18.4		5.1		8.3		3.4		7.9

* Confidential data

Appendix D5.-Salmon harvest by gear type and species, for the Alitak District management units, 2006.

	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Purse Seine														
Total	24	311	51	904	20,964	104,704	1,652	13,202	2,743,633	9,289,865	44,768	349,732	2,811,068	9,758,407
Avg.Wt.				17.7		5.0		8.0		3.4		7.8		
Set Gillnet														
Total	60	680	4	57	65,322	345,658	2,797	24,693	129,337	479,230	2,136	17,937	199,596	867,575
Avg.Wt.				14.3		5.3		8.8		3.7		8.4		
ADF&G Test Fish														
Total	1	12	0	0	312	1,573	0	0	5	15	15	119	332	1,707
Avg.Wt.						5.0				3.0		7.9		
Year Total	85	1,003	55	961	86,598	451,935	4,449	37,895	2,872,975	9,769,110	46,919	367,788	3,010,996	10,627,689
Avg.Wt.				17.5		5.2		8.5		3.4		7.8		

Appendix D6.-Commercial salmon harvest, by species, with percent harvest by gear type, in the Alitak District, 1954-2006.

YEAR	Chinook ^a			Sockeye ^a			Coho ^a			Pink ^a			Chum ^a			Total ^a		
	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%
1954	3	33%	67%	44,448	94%	6%	1,118	93%	7%	490,038	47%	53%	55,788	19%	81%	591,395	48%	52%
1955	38	74%	26%	56,058	89%	11%	410	68%	32%	1,656,363	15%	85%	100,031	17%	83%	1,812,900	18%	82%
1956	10	10%	90%	62,673	77%	23%	904	25%	75%	335,669	30%	70%	55,967	11%	89%	455,223	34%	66%
1957	7	14%	86%	15,365	88%	12%	378	31%	69%	410,620	12%	88%	49,661	27%	73%	476,031	16%	84%
1958	11	0%	100%	30,542	79%	21%	488	33%	67%	770,851	29%	71%	81,255	8%	92%	883,147	29%	71%
1959	11	18%	82%	24,888	59%	41%	378	30%	70%	544,592	23%	77%	70,589	8%	92%	640,458	23%	77%
1960	29	17%	83%	68,472	77%	23%	2,129	77%	23%	1,561,476	25%	75%	102,432	13%	87%	1,734,538	26%	74%
1961	23	4%	96%	145,781	67%	33%	1,470	49%	51%	1,589,027	14%	86%	60,600	18%	82%	1,796,901	19%	81%
1962	5	20%	80%	124,496	75%	25%	1,792	79%	21%	1,886,769	23%	77%	54,115	26%	74%	2,067,177	26%	74%
1963	30	7%	93%	54,992	60%	40%	1,202	31%	69%	1,522,856	14%	86%	42,836	10%	90%	1,621,916	15%	85%
1964	29	10%	90%	50,167	72%	28%	2,324	76%	24%	1,408,731	46%	54%	34,460	13%	87%	1,495,711	46%	54%
1965	16	6%	94%	68,876	68%	32%	688	16%	84%	1,129,185	11%	89%	20,604	17%	83%	1,219,369	14%	86%
1966	2	50%	50%	70,526	91%	9%	585	78%	22%	429,204	40%	60%	33,153	18%	82%	533,470	46%	54%
1967	6	0%	100%	14,227	82%	18%	50	0%	100%	84,918	66%	34%	17,377	55%	45%	116,578	66%	34%
1968	16	44%	56%	40,662	86%	14%	3,701	79%	21%	1,046,221	21%	79%	29,450	35%	65%	1,120,050	24%	76%
1969	27	37%	63%	98,722	54%	46%	7,240	7%	93%	3,768,917	8%	92%	45,134	15%	85%	3,920,040	10%	90%
1970	8	50%	50%	81,528	76%	24%	4,540	73%	27%	949,488	27%	73%	93,306	15%	85%	1,128,870	30%	70%
1971	33	30%	70%	124,480	55%	45%	2,261	66%	34%	1,066,180	10%	90%	191,437	7%	93%	1,384,391	14%	86%
1972	15	40%	60%	22,127	70%	30%	1,270	51%	49%	187,154	17%	83%	93,236	6%	94%	303,802	18%	82%
1973	4	50%	50%	10,338	62%	38%	125	70%	30%	49,932	35%	65%	24,408	19%	81%	84,807	34%	66%
1974	19	16%	84%	66,605	52%	48%	1,284	49%	51%	363,389	9%	91%	22,220	9%	91%	453,517	16%	84%
1975	0	0%	0%	16,515	72%	28%	1,627	3%	97%	235,720	11%	89%	2,855	40%	60%	256,717	15%	85%
1976	18	28%	72%	96,668	71%	29%	3,518	53%	47%	1,804,003	26%	74%	66,183	14%	86%	1,970,390	28%	72%
1977	20	40%	60%	78,805	69%	31%	1,343	57%	43%	961,673	23%	77%	70,978	12%	88%	1,112,819	26%	74%
1978	694	58%	42%	218,165	59%	41%	2,788	52%	48%	4,191,756	12%	88%	72,166	16%	84%	4,485,569	14%	86%
1979	108	24%	76%	317,906	50%	50%	15,007	54%	46%	1,664,249	7%	93%	22,454	32%	68%	2,019,724	14%	86%
1980	34	21%	79%	208,200	83%	17%	12,972	34%	66%	2,033,236	12%	88%	67,471	12%	88%	2,321,913	18%	82%
1981	45	13%	87%	346,073	74%	26%	17,011	55%	45%	2,073,629	13%	87%	61,513	37%	63%	2,498,271	22%	78%
1982	43	30%	70%	476,862	86%	14%	29,378	40%	60%	519,880	27%	73%	101,543	22%	78%	1,127,706	52%	48%
1983	159	12%	88%	460,087	59%	41%	28,953	45%	55%	1,318,526	7%	93%	107,786	21%	79%	1,915,511	21%	79%
1984	290	11%	89%	382,729	67%	33%	25,299	51%	49%	433,806	25%	75%	84,924	24%	76%	927,048	43%	57%
1985	199	21%	79%	703,186	63%	37%	43,914	48%	52%	1,057,912	14%	86%	84,760	33%	67%	1,889,971	34%	66%
1986	134	17%	83%	1,247,976	58%	42%	30,548	44%	56%	728,205	17%	83%	75,643	16%	84%	2,082,506	42%	58%
1987	105	11%	89%	515,410	63%	37%	17,959	53%	47%	916,875	9%	91%	59,723	37%	63%	1,510,072	29%	71%
1988	624	11%	89%	1,123,474	58%	42%	30,001	38%	62%	385,735	35%	65%	93,391	35%	65%	1,633,225	51%	49%

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YEAR	Chinook ^a			Sockeye ^a			Coho ^a			Pink ^a			Chum ^a			Total ^a		
	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%
1989	106	100%	0%	1,284,174	100%	0%	1,613	100%	0%	182,217	100%	0%	19,911	100%	0%	1,488,021	100%	0%
1990	807	17%	83%	1,435,461	52%	48%	18,176	65%	35%	144,927	13%	87%	50,304	36%	64%	1,649,675	48%	52%
1991	821	10%	90%	2,062,718	58%	42%	24,601	52%	48%	2,373,516	5%	95%	83,003	24%	76%	4,544,659	30%	70%
1992	1,056	9%	91%	525,158	53%	47%	24,548	55%	45%	59,268	28%	72%	34,580	43%	57%	644,610	50%	50%
1993	1,828	10%	90%	998,751	53%	47%	19,271	40%	60%	3,465,473	6%	94%	53,636	27%	73%	4,538,959	17%	83%
1994	1,946	8%	92%	931,328	54%	46%	32,312	44%	56%	1,120,832	9%	91%	112,191	18%	82%	2,198,609	29%	71%
1995	848	15%	85%	1,674,169	47%	53%	19,000	47%	53%	7,065,939	6%	94%	105,224	17%	83%	8,865,180	14%	86%
1996	569	18%	82%	1,458,215	54%	46%	35,529	47%	53%	553,424	39%	61%	65,250	29%	71%	2,112,987	49%	51%
1997	291	31%	69%	685,635	59%	41%	33,549	41%	59%	955,253	15%	85%	85,710	34%	66%	1,760,438	33%	67%
1998	1,487	6%	94%	1,003,245	57%	43%	32,185	47%	53%	1,704,581	26%	74%	40,554	40%	60%	2,782,052	37%	63%
1999	271	12%	88%	633,579	70%	30%	13,126	74%	26%	1,353,933	12%	88%	79,000	16%	84%	2,079,909	30%	70%
2000	433	10%	90%	558,674	57%	43%	10,131	51%	49%	243,161	30%	70%	67,189	17%	83%	879,588	47%	53%
2001	651	11%	89%	461,785	64%	36%	2,471	24%	76%	1,439,930	7%	93%	52,521	21%	79%	1,957,358	26%	74%
2002	13	0%	100%	14,575	0%	100%	1,060	0%	100%	1,078,120	0%	100%	10,164	0%	100%	1,103,932	0%	100%
2003	298	3%	97%	341,402	67%	33%	10,592	45%	55%	497,822	18%	82%	31,866	22%	78%	881,980	38%	62%
2004	1,316	4%	96%	1,156,539	61%	39%	15,897	54%	46%	1,420,188	24%	76%	38,348	40%	60%	2,632,288	41%	59%
2005	602	8%	92%	777,905	60%	40%	6,977	56%	44%	4,193,022	4%	96%	22,839	40%	60%	5,001,027	87%	13%
2006	55	7%	93%	86,286	76%	24%	4,449	63%	37%	2,872,970	5%	95%	46,904	5%	95%	3,010,664	7%	93%
Averages ^b :																		
1954-2005	305	20%	78%	415,034	66%	34%	11,518	48%	52%	1,342,025	20%	80%	62,630	22%	78%	1,831,506	30%	70%
1995-2005	616	11%	89%	796,884	54%	46%	16,411	44%	56%	1,864,125	16%	84%	54,424	25%	75%	2,732,431	37%	63%

^a ADF&G test fish harvest is not included.

^b The harvest during 1989 is not included in averages because of fishery restrictions and unusual fishing patterns due to the M/V Exxon Valdez oil spill.

APPENDIX E. WESTSIDE FISHERY SUMMARY

INTRODUCTION

Management of Westside Kodiak fisheries were complex due to the mixing of various local salmon stocks during inshore migration. Various tagging studies have been done along Kodiak Island's west side to help discern migratory pathways and timing of the Westside salmon stocks, as well as salmon moving to the Alitak District. Both set gillnet and seine gear were legal in part of the Westside (the Central Section), and occasional allocative disputes arose. Harvest strategies evolved until 1990, when a specific management plan governing fisheries along the west side of Kodiak and southwest Afognak was adopted into regulation by the Alaska Board of Fisheries (BOF). It was hoped that placing a management plan in regulation would clarify the management strategy to maintain the biological integrity of local salmon stocks and the allocative concerns of local fishers.

The goal of the Westside Kodiak Management Plan (WKMP; 5 AAC 18.362; 2005) is to achieve escapement and harvest objectives of sockeye salmon returning to the Karluk, Ayakulik, and other Westside minor sockeye salmon systems, and of pink, chum, and coho salmon returning to systems in the Southwest Afognak, Central, North Cape, Anton Larsen Bay, Sheratin Bay, Kizhuyak Bay, Terror Bay, Inner Uganik Bay, Spiridon Bay, Zachar Bay, Uyak Bay, Outer Karluk, Inner Karluk, Sturgeon Bay, Halibut Bay, Outer Ayakulik, and Inner Ayakulik Sections (Appendix E2). It is the intent of the board that salmon bound to these systems be harvested to the extent possible by the traditional fisheries located in all 17 sections (Wadle 2006). A map depicting these sections is included in Appendix table E2.

2006 Westside Kodiak Fisheries

The Karluk early-run (through July 15) sockeye salmon return started late and weaker than expected. The initial commercial fishing period began on June 1, which was the same as the previous year's opening date but earlier than the traditional opening date of June 9. When compared to the recently changed Karluk River escapement goals (Nelson et al. 2005), the early-run sockeye salmon escapement has exceeded the upper goal (currently 210,000 sockeye salmon by July 15) in every year, except 2006, since 1990. It appears that in recent years the early-run sockeye salmon escapement timing has become earlier. With an earlier opening date, it was hoped to avoid excess escapement, in order to avoid the possibility of harm to the juvenile salmon rearing conditions in Karluk Lake. ADF&G preseason salmon production forecasts called for surplus (in excess of escapement needs) of early-run sockeye salmon returning to Karluk (forecasted harvestable surplus of approximately 314,000 fish), Frazer (99,000), Upper Station (90,000), and Ayakulik (94,000; Eggers 2006). The first commercial fishing period, beginning on June 1, served as an indicator of run strength. The resulting harvest indicated a weaker than expected run of sockeye salmon traveling along the Westside, although sockeye salmon escapement had built up in Karluk Lagoon and started passing the weir in large amounts on June 10. Thereafter cumulative escapements stayed within desired ranges and the early-run minimum escapement goal (100,000 fish; Nelson et al. 2005) through the Karluk weir by June 10 was achieved (Caldentey 2007). Continuous fishing was permitted in the North Cape and Central sections starting June 9.

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The Outer Karluk Section was reopened June 12 and extended to what eventually turned into continuous fishing when sockeye salmon abundance started to increase substantially in Karluk Lagoon. In addition, the terminal Inner Karluk Section was also opened June 12 after the minimum season early-run escapement goal was achieved through the weir. The Karluk early-run sockeye salmon escapement was 200,641 salmon (Caldentey 2007). Approximately 626,242 sockeye salmon were harvested in early-season Westside fisheries, well above the forecast (314,000).

Karluk late-run (post July 15) sockeye salmon run proved to be weaker than forecast (1,115,000 total run; Eggers 2006) although extensive fishing was allowed in the Outer Karluk Section in response to a very strong run of pink salmon in Karluk River. Despite this, adequate late-run sockeye escapement entered Karluk Lagoon and, as is typical, held there before passing the weir quickly in large amounts late in the season (starting on September 8). The late-run Karluk sockeye salmon escapement was 289,732 fish (Caldentey 2007) which was within the escapement goal range of 170,000 to 380,000 fish (Nelson et al. 2005). Harvests from fisheries directed on Karluk late-run salmon include about 556,693 sockeye salmon, less than the forecast (876,000).

Ayakulik sockeye salmon early escapement was weak and fell below interim escapement. There were no directed sockeye salmon fisheries in the Halibut Bay, Inner Ayakulik and Outer Ayakulik sections in 2006. The total sockeye salmon escapement (87,780; Caldentey 2007) was well below established goals (200,000 to 500,000; Nelson et al. 2005). The Ayakulik sockeye salmon harvest (17,142) was well below forecast (94,000; Eggers 2006). Starting on August 20, periodic fishing periods were allowed in the Inner and Outer Ayakulik sections to allow harvest opportunity on strong runs of Ayakulik River pink and coho salmon.

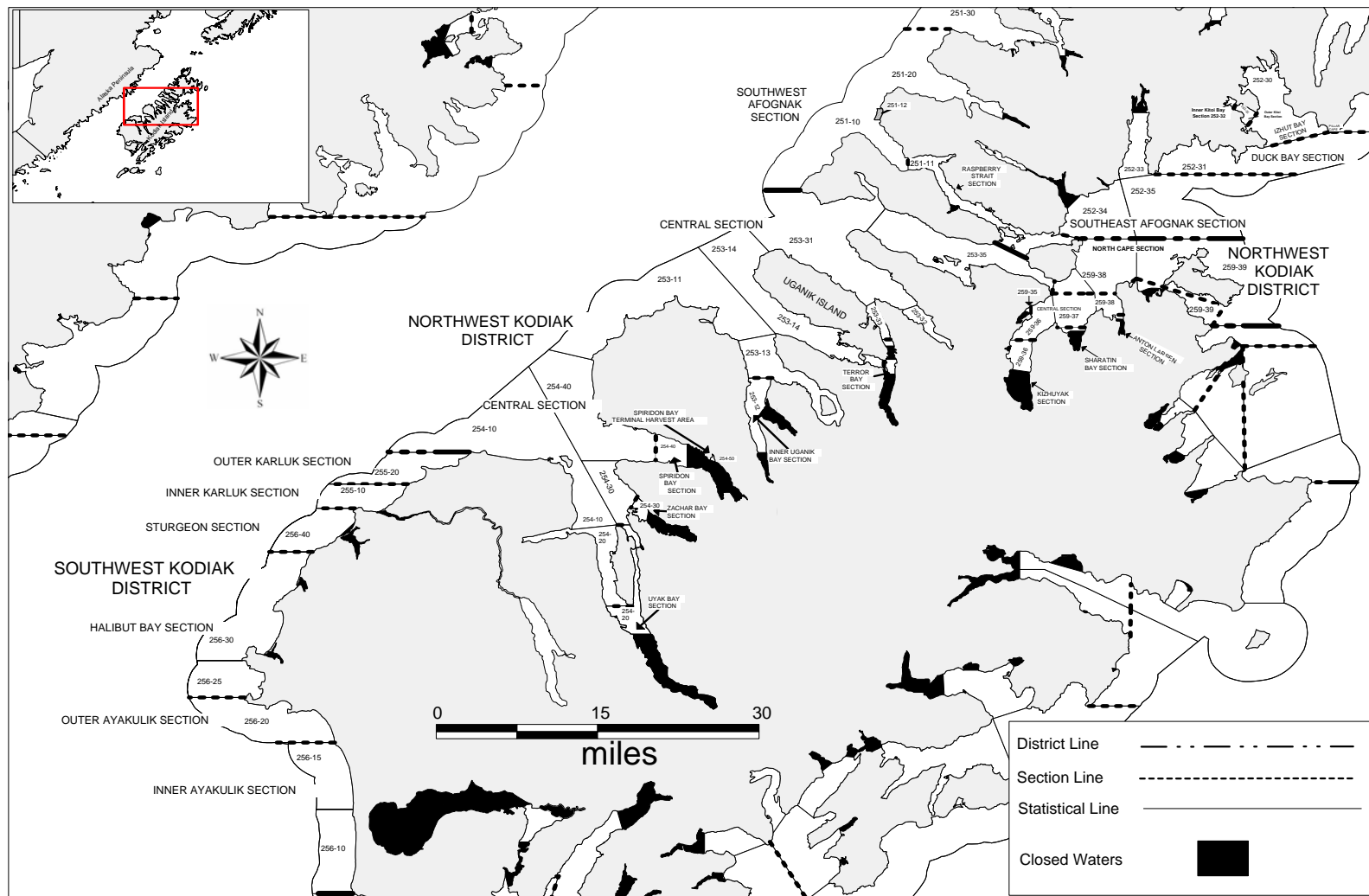
The total commercial harvest from westside Kodiak management units (Southwest Afognak to Ayakulik¹) was 22,076,025 salmon, including 16,139 Chinook, 1,200,357 sockeye, 251,605 coho, 20,205,610 pink, and 402,314 chum salmon from 8,277 landings (Appendix E3). The total Westside Kodiak salmon harvest represents 58% percent of the total KMA salmon harvest. Purse seine fishers made 3,244 landings for 11,989 Chinook, 615,636 sockeye, 187,388 coho, 17,209,591 pink, and 272,641 chum salmon (Appendix E4). Set gillnet fishers made 5,033 landings for 4,150 Chinook, 584,721 sockeye, 64,217 coho, 2,996,019 pink, and 129,673 chum salmon. Commercial salmon harvests, by gear type, for individual westside management units can be found in Appendices E5 and E6.

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¹ Westside Kodiak salmon harvest totals do not include salmon taken in the Spiridon Bay Special Harvest Area. Sockeye salmon from an enhancement project return to this area. It is covered under a separate management plan; see Appendix H for a description of the Spiridon Bay Special Harvest Area fishery.

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Appendix E2.-Map of Westside Kodiak including Southwest and Northwest Kodiak Districts and the Southwest Afognak Section of the Afognak District.

Appendix E3.-Commercial salmon harvest, by species, for Westside management units in the Kodiak Management Area, 1975-2006.

Year	Permits	Landings	Number of Salmon					Total
			Chinook	Sockeye	Coho	Pink	Chum	
1975	274	2,001	50	75,983	14,439	1,441,658	36,358	1,568,488
1976	346	4,678	253	350,403	10,412	4,786,866	91,524	5,239,458
1977	324	3,462	454	363,690	12,619	2,107,769	115,435	2,599,967
1978	385	6,001	1,352	491,503	20,216	6,245,588	134,794	6,893,453
1979	399	5,121	611	185,363	47,043	3,860,734	59,469	4,153,220
1980	413	6,913	397	412,418	44,674	11,347,713	133,117	11,938,319
1981	374	4,810	911	415,405	36,672	3,188,599	247,097	3,888,684
1982	408	6,077	858	427,454	128,718	5,538,196	450,819	6,546,045
1983	398	5,141	2,353	297,330	49,418	1,730,453	374,319	2,453,873
1984	390	8,065	3,634	925,236	104,347	9,291,637	166,069	10,490,923
1985	365	6,097	4,306	920,143	97,516	1,981,000	226,819	3,229,784
1986	392	12,070	3,728	1,632,227	102,304	9,472,330	584,538	11,795,127
1987	380	6,360	2,268	754,943	85,055	1,643,187	261,601	2,747,054
1988	416	11,700	11,848	998,895	141,115	8,574,478	609,946	10,336,282
1989 ^a	5	10	0	3,489	986	1,005	53	5,533
1990	455	12,604	12,090	3,383,351	176,475	3,674,278	218,883	7,465,077
1991	434	11,957	11,780	2,842,802	179,852	5,588,982	346,193	8,969,609
1992	429	11,121	17,238	2,306,791	128,737	1,538,305	302,779	4,293,850
1993	406	12,106	21,019	2,426,540	124,497	10,344,080	300,571	13,216,707
1994	350	8,024	16,930	1,236,314	135,365	3,873,574	329,281	5,591,464
1995	369	13,104	13,819	2,071,281	147,204	21,025,711	722,649	23,980,664
1996	328	7,808	10,437	2,536,733	71,984	1,780,755	365,034	4,764,943
1997	334	7,752	11,152	1,412,061	108,459	6,520,085	214,730	8,266,487
1998	290	9,623	13,886	2,220,631	163,102	12,335,360	176,636	14,909,615
1999	317	8,497	12,795	2,734,413	104,836	4,114,567	267,471	7,234,082
2000	306	7,555	9,382	1,600,262	111,908	5,343,309	379,444	7,444,305
2001	265	6,815	18,317	1,617,700	143,681	3,687,193	381,098	5,847,989
2002	228	5,369	14,921	1,179,697	166,377	9,445,914	250,153	11,057,062
2003	227	7,511	13,775	2,975,163	156,308	5,406,727	329,543	8,881,516
2004	225	8,919	23,744	2,413,242	259,500	14,756,880	604,428	18,057,794
2005	204	6,671	11,034	1,457,611	183,158	6,178,927	243,153	8,073,883
2006	211	8,277	16,139	1,200,357	251,605	20,205,610	402,314	22,076,025
Average ^a								
1996-2005	272	7,652	13,944	2,014,751	146,931	6,956,972	321,169	9,453,768
1975-2006	343	7,813	9,080	1,415,030	113,148	6,678,402	300,847	8,516,508

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District (except the Spiridon Bay Special Harvest Area), and the Southwest Kodiak District.

^a Commercial salmon fisheries were severely restricted in 1989 due to the presence of oil from the M/V Exxon Valdez spill. Averages do not include 1989.

Appendix E4.-Commercial salmon harvest, by gear type and species, for Westside management units 2006.

Gear	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Purse Seine	118	3,244	11,989	112,104	615,636	3,034,449	187,388	1,463,090	17,209,591	62,863,622	272,641	2,381,112	18,297,245	69,854,377
Average weight				9.35		4.93		7.81		3.65		8.73		
Set Gillnet	93	5,033	4,150	43,072	584,721	3,107,522	64,217	528,322	2,996,019	12,280,294	129,673	1,054,954	3,778,780	17,014,164
Average weight				10.38		5.31		8.23		4.10		8.14		
Grand total	211	8,277	16,139	155,176	1,200,357	6,141,971	251,605	1,991,412	20,205,610	75,143,916	402,314	3,436,066	22,076,025	86,868,541
Average weight				9.61		5.12		7.91		3.72		8.54		

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District, except for the Spiridon Bay Special Harvest Area, and the Southwest Kodiak District.

Appendix E5.-Purse seine daily salmon harvest, by species for the Westside Management Plan units, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section													
	9-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	4	4	297	1,687	562	2,847	3	14	141	545	165	1,493
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	4	4	302	1,762	657	3,272	7	65	248	726	614	4,917
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	1-Jul	5	5	607	4,956	2,354	11,777	35	230	2,675	8,362	2,145	16,658
	2-Jul	8	8	855	5,991	2,922	12,829	56	405	2,021	7,163	1,273	10,803
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jul	6	7	137	933	3,861	19,061	165	1,185	7,097	27,936	1,571	14,900
	7-Jul	6	6	102	949	3,793	18,234	357	2,453	11,974	39,544	2,297	18,893
	8-Jul	4	4	13	111	899	4,343	55	415	2,764	9,845	878	6,887
	9-Jul	4	4	213	1,765	814	3,640	36	253	3,627	13,051	368	3,118
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	7	7	688	4,009	3,670	16,994	416	3,080	18,158	72,601	2,180	20,032
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	9	10	424	2,351	4,706	21,383	900	6,902	20,802	74,047	2,410	21,099
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	7	7	66	435	2,145	12,021	275	1,852	21,803	81,058	2,274	13,536
	18-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	5	5	263	2,866	584	3,133	575	3,988	18,104	72,285	670	6,022
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*

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Management Unit				Chinook		Sockeye		Coho		Pink		Chum	
	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section (cont.)	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	5	5	24	305	3,026	14,773	564	4,150	45,381	178,314	1,316	10,848
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	6	6	50	695	1,429	6,624	758	4,791	38,526	155,436	857	6,002
	7-Aug	5	5	63	555	734	3,976	463	4,196	39,995	148,303	489	3,706
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	8	8	39	360	1,178	6,864	971	7,631	72,137	273,774	1,125	8,714
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	11-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		41	169	5,599	41,124	57,313	280,959	13,251	98,605	622,047	2,383,828	32,674	270,974
Average weight					7.3		4.9		7.4		3.8		8.3
Nothwest Kodiak District													
	1-Jun	5	5	8	99	1,082	5,008	0	0	0	0	8	63
	2-Jun	9	10	25	314	3,543	15,880	0	0	1	3	24	176
	3-Jun	9	9	23	197	3,672	17,482	0	0	0	0	17	119
	5-Jun	11	11	61	481	5,910	27,721	0	0	16	59	95	917
	6-Jun	10	10	58	770	3,424	16,386	0	0	0	0	83	664
	7-Jun	21	21	120	1,178	11,378	52,807	0	0	4	12	98	817
	9-Jun	16	16	42	603	9,644	41,074	1	29	219	595	218	2,156

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District (contd.)	10-Jun	12	12	19	316	3,326	16,022	0	0	1,308	2,654	385	4,125
	11-Jun	18	18	8	62	10,624	50,680	0	0	147	420	444	3,930
	12-Jun	30	30	40	647	20,473	89,630	1	6	371	1,248	1,799	17,610
	13-Jun	17	17	6	102	5,984	28,089	0	0	358	957	759	6,394
	14-Jun	10	10	5	35	2,118	8,501	0	0	510	1,649	503	5,265
	15-Jun	5	5	2	29	1,865	7,199	0	0	27	93	189	1,701
	16-Jun	10	10	4	50	5,054	19,913	3	20	266	823	518	5,024
	17-Jun	7	7	6	72	971	5,111	2	11	444	1,149	374	3,593
	18-Jun	6	7	2	16	1,947	10,115	4	46	530	1,527	483	5,735
	19-Jun	12	12	44	446	2,869	11,024	3	37	54	123	1,052	10,135
	20-Jun	6	6	7	94	181	926	3	16	16	40	255	2,473
	21-Jun	27	27	67	668	8,062	35,743	14	66	925	2,766	2,069	17,638
	22-Jun	13	13	9	62	2,820	12,350	2	6	170	683	459	3,983
	23-Jun	16	16	40	377	3,987	19,019	10	73	517	1,633	1,250	10,522
	24-Jun	9	10	39	386	1,764	8,575	40	199	862	3,060	1,817	15,109
	25-Jun	10	10	34	415	1,460	7,104	0	0	117	428	1,044	9,827
	26-Jun	15	15	391	2,760	2,243	10,574	11	60	928	3,164	5,937	55,068
	27-Jun	14	14	301	2,403	2,003	9,203	3	26	900	2,835	1,695	15,385
	28-Jun	7	7	75	795	2,744	12,071	3	18	352	1,160	610	6,029
	29-Jun	8	8	78	981	833	3,859	7	56	284	1,289	1,228	11,490
	30-Jun	6	6	85	819	3,077	14,106	16	110	1,101	3,131	1,590	14,862
	1-Jul	8	8	201	1,164	1,566	7,360	79	569	1,320	4,867	2,974	29,608
	2-Jul	5	5	4	44	416	1,792	43	171	479	1,698	958	9,234
	3-Jul	11	11	82	708	1,600	7,400	8	47	851	3,206	988	9,259
	4-Jul	8	9	68	728	4,481	18,229	40	304	2,108	7,278	918	8,610
	5-Jul	5	5	17	217	1,020	4,988	213	1,284	924	3,245	521	4,031
	6-Jul	10	11	37	307	2,860	12,813	157	942	3,169	11,355	2,993	28,950
	7-Jul	6	7	35	133	1,231	5,370	140	1,199	3,503	11,424	4,197	38,870
	8-Jul	24	32	81	808	13,274	56,851	246	1,755	22,186	76,413	10,534	98,521
	9-Jul	14	14	29	286	2,586	12,855	43	318	5,677	21,323	5,243	54,741
	10-Jul	18	18	15	172	2,869	18,443	153	833	9,252	32,487	4,037	35,740
	12-Jul	24	24	131	1,351	3,585	18,017	290	2,024	35,479	143,060	6,763	61,340
	13-Jul	22	24	32	497	2,229	11,553	197	1,254	28,207	106,290	7,715	71,999
	14-Jul	24	24	174	1,269	3,361	17,277	315	2,128	62,833	200,993	6,687	62,408
	15-Jul	23	23	188	1,371	2,186	11,851	436	3,076	49,853	183,667	11,043	90,621
	16-Jul	33	33	166	1,180	3,327	15,506	242	1,640	58,891	212,527	6,068	52,521
	18-Jul	19	19	19	228	1,514	7,579	2	13	38,743	157,504	2,071	20,977

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District (contd.)	19-Jul	35	35	13	266	3,578	18,941	258	1,592	114,665	450,752	8,681	82,815
	20-Jul	14	15	5	112	835	4,123	14	112	37,373	167,197	2,202	21,639
	21-Jul	34	34	62	818	2,934	14,630	744	5,642	114,258	473,127	7,421	68,263
	22-Jul	30	32	26	315	1,841	9,329	554	4,007	105,036	409,907	4,757	43,779
	23-Jul	31	31	26	373	1,896	9,219	375	2,758	79,018	309,942	4,916	38,235
	24-Jul	22	24	190	1,445	1,287	6,462	833	7,471	87,530	319,865	3,760	35,032
	25-Jul	21	21	160	1,479	1,357	6,898	685	4,909	105,848	396,453	4,079	36,089
	26-Jul	42	47	187	2,111	11,148	53,220	1,533	12,191	187,942	668,931	7,289	64,413
	29-Jul	36	40	15	329	3,030	15,081	162	966	298,219	1,124,853	4,036	33,863
	30-Jul	51	61	15	296	4,734	23,743	344	2,585	456,226	1,765,604	6,815	58,925
	31-Jul	53	66	70	723	5,113	26,708	423	3,241	515,322	1,991,916	6,625	54,674
	1-Aug	58	66	146	1,670	5,623	31,087	875	6,911	502,546	1,939,772	8,968	73,349
	2-Aug	44	49	237	2,088	5,417	29,576	1,058	8,380	331,586	1,286,268	6,361	52,848
	3-Aug	34	41	65	1,245	2,527	13,479	1,561	11,480	303,437	1,173,928	2,417	19,321
	4-Aug	52	62	213	2,589	4,850	26,761	2,766	21,668	488,369	1,753,733	5,095	43,622
	5-Aug	58	73	104	1,611	4,454	24,547	2,292	17,767	684,249	2,563,271	4,043	32,904
	6-Aug	54	72	91	1,390	6,699	38,163	6,289	33,652	613,313	2,392,883	2,906	23,335
	7-Aug	58	76	150	2,592	5,411	28,688	2,820	22,890	676,865	2,440,414	3,274	26,784
	8-Aug	64	82	99	1,793	4,434	23,220	2,195	16,813	770,234	2,575,349	9,135	71,635
	9-Aug	47	52	31	665	5,266	28,926	890	6,746	511,873	1,845,493	1,610	13,222
	10-Aug	50	73	51	877	8,265	40,436	1,258	9,123	647,288	2,398,117	1,626	12,447
	11-Aug	58	79	16	303	8,073	42,619	2,347	16,779	749,425	2,678,967	1,501	12,498
	12-Aug	58	81	18	286	4,641	23,569	1,877	13,769	733,783	2,554,530	1,272	10,995
	13-Aug	60	72	13	246	3,656	19,768	1,933	14,685	627,138	2,145,784	2,015	16,019
	14-Aug	55	62	27	485	3,501	19,096	2,384	18,779	539,325	1,982,938	1,221	10,181
	15-Aug	44	57	18	284	3,476	19,027	3,071	24,992	409,082	1,449,970	1,200	8,867
	16-Aug	44	54	21	452	3,763	21,179	3,925	31,727	329,497	1,251,526	1,580	12,489
	17-Aug	51	59	57	895	4,140	21,933	3,204	25,470	421,047	1,570,952	738	6,410
	18-Aug	39	53	19	294	5,847	29,940	2,740	22,828	439,297	1,572,207	1,466	12,141
	19-Aug	33	38	37	497	5,788	31,841	2,052	16,465	379,366	1,359,174	1,373	12,156
	20-Aug	26	26	6	138	1,314	7,100	1,828	14,277	138,520	541,995	217	1,813
	21-Aug	16	19	20	366	1,174	6,340	1,429	11,358	165,881	566,943	262	1,899
	22-Aug	25	30	5	77	3,267	17,311	1,772	15,700	243,505	949,776	620	4,548
	23-Aug	28	32	12	210	2,745	14,451	2,006	16,399	250,510	890,975	145	1,165
	24-Aug	13	13	0	0	178	897	842	7,190	40,686	147,307	36	284
	25-Aug	24	25	15	209	1,244	6,142	4,428	28,192	117,329	434,387	112	878
	26-Aug	18	18	7	101	781	3,971	2,011	21,664	74,362	291,632	185	1,646

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Nothwest Kodiak District													
(contd.)	27-Aug	10	10	1	27	335	1,849	1,409	16,686	33,534	128,997	36	328
	28-Aug	9	9	4	38	344	1,766	1,177	13,842	51,405	193,328	39	296
	29-Aug	8	8	6	98	292	1,430	1,632	16,509	26,877	86,596	77	596
	30-Aug	5	5	0	0	27	130	585	6,758	10,493	41,531	71	682
	31-Aug	7	7	1	25	571	1,515	1,498	16,058	10,093	31,789	90	642
	1-Sep	6	6	0	0	7	37	1,427	15,795	2,544	10,620	4	29
	2-Sep	9	9	16	167	345	1,558	2,889	27,468	15,070	55,239	185	1,480
	3-Sep	10	10	9	135	1,168	5,859	3,139	26,898	20,595	75,771	1,458	10,221
	4-Sep	10	10	7	76	691	3,588	2,804	27,658	15,011	58,201	358	2,739
	5-Sep	10	10	1	26	863	4,347	2,434	22,526	10,390	39,794	553	3,892
	6-Sep	5	5	0	0	189	950	963	8,935	3,812	15,453	440	3,529
	7-Sep	10	11	0	0	149	752	1,849	19,354	5,742	23,245	13	98
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	4	4	0	0	13	64	578	5,146	0	0	0	0
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		115	2,492	5,170	55,862	320,737	1,567,787	94,050	771,699	13,830,355	50,809,401	222,570	1,957,976
Average weight					10.8		4.9		8.2		3.7		8.8
Inner & Outer Karluk sections													
	1-Jun	8	8	47	750	4,791	23,733	0	0	0	0	7	51
	2-Jun	6	6	39	358	1,828	9,071	0	0	0	0	7	59
	3-Jun	8	8	26	378	1,872	9,578	0	0	0	0	4	28
	5-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jun	12	12	74	1,119	5,772	27,705	0	0	0	0	200	1,492
	7-Jun	5	5	8	130	2,271	11,370	0	0	0	0	13	129
	12-Jun	6	6	15	225	4,398	16,427	0	0	13	34	183	1,441
	13-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	15-Jun	14	14	17	247	5,746	22,993	0	0	84	245	602	4,912
	16-Jun	4	4	3	52	1,247	5,854	0	0	33	89	155	1,320
	17-Jun	4	5	15	231	3,057	14,675	0	0	35	103	430	3,471
	18-Jun	7	7	9	117	1,705	6,953	0	0	25	65	86	659
	19-Jun	11	11	9	169	6,195	26,506	4	33	23	73	362	2,865
	20-Jun	7	7	3	50	1,323	5,686	1	7	8	24	119	933
	21-Jun	10	10	18	332	3,052	12,131	0	0	32	92	197	1,672
	23-Jun	14	14	23	312	5,565	27,253	0	0	117	474	601	4,811
	24-Jun	4	4	2	34	1,475	6,842	0	0	24	60	146	1,113

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner & Outer													
Karluk sections													
(contd.)													
	25-Jun	10	10	24	364	2,621	12,736	0	0	43	131	665	5,120
	26-Jun	8	8	25	176	4,628	21,790	0	0	77	229	461	4,330
	27-Jun	4	4	16	150	2,971	14,248	0	0	67	186	408	3,829
	28-Jun	8	8	39	498	4,777	22,331	11	56	609	1,780	619	5,590
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	7	7	56	501	6,046	27,799	15	111	1,235	3,398	1,040	10,047
	1-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	8	8	265	1,762	2,596	11,578	13	85	597	1,917	732	6,954
	4-Jul	6	6	67	800	4,236	17,419	17	111	1,092	3,747	808	7,306
	5-Jul	4	4	5	63	1,346	6,313	18	100	282	766	89	968
	6-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	7-Jul	7	7	33	392	3,870	17,373	60	450	2,436	7,932	727	6,651
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	8	8	5	31	2,963	14,725	20	156	4,441	11,807	447	4,091
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	4	4	1	9	423	1,762	37	308	4,004	18,321	122	1,296
	25-Jul	5	5	15	233	3,473	16,842	118	903	25,649	98,154	410	3,867
	26-Jul	4	5	9	131	881	4,402	190	1,327	23,550	75,688	409	3,687
	2-Aug	10	11	17	284	4,600	27,012	492	3,877	135,363	465,001	671	5,786
	3-Aug	8	11	29	353	3,508	18,343	848	6,373	114,085	443,658	206	1,874
	4-Aug	5	6	4	82	1,547	8,093	287	2,049	66,605	187,393	126	954
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	4	5	11	187	1,056	5,395	218	1,586	54,418	196,785	36	303
	9-Aug	5	6	4	79	1,239	5,997	92	612	56,863	174,552	69	586
	10-Aug	11	20	15	195	5,106	26,948	10,872	40,224	209,896	625,212	350	2,742
	11-Aug	7	8	3	40	2,990	14,931	381	2,689	73,131	254,442	83	672
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	14	23	3	52	2,705	13,563	773	5,453	291,836	1,047,537	465	3,884
	15-Aug	13	21	1	28	3,141	17,154	628	4,906	251,703	930,858	380	3,172
	16-Aug	15	19	1	34	2,434	12,853	561	4,490	169,318	582,421	212	1,815
	17-Aug	5	5	0	0	1,712	10,413	275	2,439	42,674	173,161	43	386

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner & Outer													
Karluk sections (contd.)	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	7	10	1	8	3,733	20,771	657	4,937	92,726	357,327	96	845
	20-Aug	7	7	3	40	2,196	12,288	1,000	7,283	52,960	208,542	81	658
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	6	6	2	59	4,018	20,289	1,181	8,141	26,172	110,448	30	261
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	7	9	5	114	7,320	39,111	2,921	27,387	29,424	105,562	56	428
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	5	5	3	69	5,794	30,832	983	10,145	16,030	49,084	130	992
	30-Aug	5	5	15	180	3,678	18,627	1,502	15,644	19,162	64,725	109	975
	31-Aug	4	4	16	218	2,501	17,878	966	8,039	15,432	54,329	51	450
	1-Sep	5	6	3	65	5,791	29,052	930	8,091	27,973	92,328	61	491
	2-Sep	6	6	2	22	8,079	40,645	985	8,967	33,686	106,701	87	687
	3-Sep	7	9	23	267	6,486	35,840	1,978	15,633	18,046	52,889	66	511
	4-Sep	5	5	15	203	3,145	16,101	1,176	11,546	13,730	42,367	50	420
	16-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	17-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	23-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		66	465	1,114	13,154	192,327	951,330	35,416	239,005	2,021,928	7,023,747	16,084	141,649
Average weight remainder of Southwest Kodiak District					11.8		4.9		6.7		3.5		8.8
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	9	12	2	52	4,518	28,187	722	5,543	144,526	532,389	110	911
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	6	8	7	158	3,990	20,450	455	3,566	42,688	178,476	70	541
	19-Aug	7	10	23	435	4,193	23,517	1,378	12,952	67,074	235,940	68	488
	20-Aug	8	8	19	384	3,327	15,989	1,244	9,728	26,217	108,515	32	243

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
remainder of Southwest Kodiak District (contd.)	21-Aug	18	26	8	169	12,598	62,470	4,750	38,451	198,671	685,343	72	543
	22-Aug	12	14	14	278	4,179	19,733	4,945	35,793	70,097	237,052	81	592
	23-Aug	5	5	6	138	1,634	7,730	3,807	30,701	20,176	71,598	10	67
	24-Aug	4	4	0	0	720	3,694	2,054	15,433	14,577	58,564	7	56
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	4	4	6	92	1,801	9,109	4,758	37,205	8,133	26,932	260	2,085
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		36	118	106	1,964	45,259	234,373	44,671	353,781	735,261	2,646,646	1,313	10,513
Average weight					18.5		5.2		7.9		3.6		8.0
Grand Total		118	3,244	11,989	112,104	615,636	3,034,449	187,388	1,463,090	17,209,591	62,863,622	272,641	2,381,112

Note: The Westside Kodiak Management Plan commercial harvest includes the Southwest Afognak Section, the Northwest Kodiak District (except for the Spiridon Bay Special Harvest Area), and the Southwest Kodiak District.

* Confidential data.

Appendix E6.-Set gillnet salmon harvest, by species for Westside Management Plan units, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District	1-Jun	24	24	96	1,156	1,468	8,677	0	0	0	0	35	278
	2-Jun	44	53	363	3,598	6,698	37,315	1	5	1	3	117	876
	3-Jun	49	59	241	2,273	8,151	44,465	0	0	1	5	90	674
	5-Jun	35	36	139	1,443	5,672	31,347	0	0	1	4	85	649
	6-Jun	37	44	179	2,047	7,057	37,786	1	7	6	26	113	869
	7-Jun	48	54	157	1,505	11,870	63,586	0	0	1	3	221	1,783
	9-Jun	21	21	20	251	3,289	18,947	0	0	3	12	65	570
	10-Jun	43	53	33	455	12,637	66,704	0	0	10	36	303	2,231
	11-Jun	31	34	24	254	12,288	63,863	0	0	44	164	483	3,748
	12-Jun	42	52	61	711	13,276	71,333	0	0	44	171	591	4,577
	13-Jun	39	52	47	555	9,893	50,514	1	6	52	187	600	4,727
	14-Jun	42	49	67	802	7,929	44,835	0	0	62	225	764	5,895
	15-Jun	43	48	74	816	4,814	25,037	2	11	37	144	495	3,988
	16-Jun	45	48	39	413	6,218	33,963	2	9	37	142	614	4,984
	17-Jun	43	45	96	995	6,328	33,852	3	24	48	181	879	7,264
	18-Jun	37	41	162	1,717	5,630	29,768	0	0	34	132	617	5,203
	19-Jun	45	47	117	1,381	10,199	54,133	2	12	84	342	1,174	9,047
	20-Jun	48	55	57	678	7,995	43,541	7	48	146	576	823	6,986
	21-Jun	51	57	109	1,013	9,734	50,976	10	63	296	1,113	1,237	9,834
	22-Jun	50	52	71	775	7,731	41,303	7	40	197	747	936	7,629
	23-Jun	52	55	152	1,433	7,620	39,912	28	169	302	1,137	1,477	11,665
	24-Jun	45	49	193	1,618	8,250	43,214	14	80	477	1,773	1,962	15,957
	25-Jun	54	55	170	1,442	7,852	41,196	18	126	628	2,489	1,562	12,789
	26-Jun	55	56	142	1,194	8,783	46,850	31	186	570	2,264	1,632	13,342
	27-Jun	54	56	144	1,284	9,444	49,825	37	215	834	3,232	2,285	18,217
	28-Jun	53	58	223	1,519	8,270	43,157	183	1,143	1,066	4,119	2,341	19,781
	29-Jun	52	54	65	614	6,363	33,275	39	278	1,160	4,555	1,973	16,595
	30-Jun	48	51	71	663	7,851	40,484	58	402	1,551	5,925	1,974	16,631
	1-Jul	55	59	80	709	8,540	43,607	131	920	2,216	8,725	2,443	19,865
	2-Jul	54	61	45	408	5,213	27,328	197	1,366	2,364	9,234	2,206	18,793

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District (cont.)	3-Jul	55	62	67	541	5,822	30,774	258	1,609	2,776	10,737	1,986	16,791
	4-Jul	47	50	55	490	4,085	21,509	108	771	1,946	7,651	1,389	11,637
	5-Jul	51	53	46	494	6,992	36,196	109	736	2,751	10,948	1,509	13,025
	6-Jul	55	58	25	290	8,277	44,485	105	703	4,698	18,483	2,059	17,753
	7-Jul	50	56	22	305	5,982	31,365	112	750	4,631	18,942	1,504	13,213
	8-Jul	56	67	47	568	14,526	76,172	172	1,194	8,329	33,918	2,122	18,487
	9-Jul	55	61	21	363	9,067	47,832	357	2,358	10,367	43,485	2,140	18,576
	10-Jul	49	51	7	112	4,828	27,096	172	1,238	6,164	25,607	1,034	9,414
	12-Jul	32	32	10	140	3,010	16,082	164	1,116	5,098	21,695	982	7,850
	13-Jul	55	63	34	468	9,968	51,976	371	2,966	16,633	70,785	2,552	22,180
	14-Jul	60	76	8	128	11,014	58,928	410	3,153	28,899	120,179	3,703	32,414
	15-Jul	51	59	10	206	6,479	35,054	280	2,273	27,772	120,176	3,388	28,769
	16-Jul	60	76	21	423	9,559	51,084	242	1,868	35,192	147,868	3,829	32,393
	18-Jul	32	38	4	31	4,811	24,720	204	1,542	19,405	81,100	1,394	12,126
	19-Jul	43	50	5	104	4,637	24,828	319	2,585	28,000	117,685	2,658	23,163
	20-Jul	42	52	16	169	4,845	26,147	388	3,124	41,933	176,376	3,727	31,050
	21-Jul	45	58	8	129	7,172	36,774	355	2,922	52,498	217,992	3,159	27,894
	22-Jul	51	58	13	204	4,835	25,636	469	3,334	36,571	155,687	2,694	22,420
	23-Jul	53	59	11	142	5,119	27,403	589	4,742	31,587	134,280	2,214	18,251
	24-Jul	55	63	8	87	5,014	26,731	563	4,745	40,680	175,166	2,675	21,889
	25-Jul	52	58	5	126	5,973	31,352	339	2,684	49,619	214,822	2,075	16,938
	26-Jul	60	81	11	241	7,800	41,876	527	4,121	74,184	315,656	3,585	29,665
	29-Jul	30	33	0	0	3,022	16,323	132	995	32,071	134,958	1,307	9,676
	30-Jul	53	72	1	34	7,586	40,673	376	2,701	99,303	405,185	3,577	28,704
	31-Jul	57	80	6	104	7,465	38,972	461	3,448	107,253	437,485	3,839	30,666
	1-Aug	54	82	4	58	6,952	36,409	297	2,331	120,422	503,134	3,402	27,589
	2-Aug	56	80	7	213	5,851	30,881	262	1,973	90,119	366,316	2,440	18,184
	3-Aug	49	63	3	64	7,693	39,360	542	3,775	79,548	324,707	2,890	21,302
	4-Aug	50	71	4	65	6,811	35,684	877	6,755	96,664	403,223	2,170	17,133
	5-Aug	54	79	14	306	7,656	41,095	837	6,482	137,132	565,787	2,858	21,716
	6-Aug	48	61	6	79	5,684	30,495	833	6,393	82,145	337,693	2,372	16,337
	7-Aug	52	73	22	290	8,406	45,455	1,349	10,127	102,293	417,758	2,315	17,493

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
(cont.)	8-Aug	53	70	13	157	7,660	41,184	1,176	9,045	128,466	523,480	2,027	15,793
	9-Aug	52	76	11	154	9,368	49,459	1,073	8,408	115,016	475,760	2,005	15,144
	10-Aug	48	67	5	87	5,337	29,909	750	5,884	100,333	417,190	1,529	11,311
	11-Aug	50	61	2	13	4,637	24,488	875	6,889	83,179	334,803	1,212	9,313
	12-Aug	50	68	0	0	6,306	33,786	1,421	11,161	101,311	409,438	1,466	11,267
	13-Aug	49	62	3	40	4,453	24,536	1,395	10,716	95,804	388,497	1,109	8,463
	14-Aug	50	62	3	36	2,912	15,974	1,291	10,535	76,583	308,737	958	7,757
	15-Aug	50	62	8	138	3,136	17,521	1,318	9,917	62,961	255,081	1,057	7,696
	16-Aug	50	61	6	54	3,679	20,206	1,734	13,866	67,102	268,733	1,157	9,020
	17-Aug	48	59	9	100	2,171	12,011	2,234	17,598	64,445	257,336	863	6,545
	18-Aug	49	60	4	57	1,911	10,427	2,532	18,183	62,521	253,975	791	6,179
	19-Aug	51	59	8	134	5,113	26,943	2,130	18,012	72,177	304,184	813	6,542
	20-Aug	47	56	7	75	2,776	14,948	2,104	17,084	46,495	188,121	766	5,639
	21-Aug	48	58	11	158	4,462	24,167	2,357	18,728	55,373	222,049	589	4,563
	22-Aug	35	41	1	13	3,539	18,803	1,197	10,078	46,977	186,181	400	3,213
	23-Aug	41	44	2	42	5,027	26,675	1,616	13,708	44,772	178,210	437	3,625
	24-Aug	37	39	4	38	2,725	14,717	1,343	10,960	28,240	111,752	270	2,240
	25-Aug	38	40	6	80	4,497	23,635	1,508	12,824	34,150	136,854	286	2,332
	26-Aug	38	47	5	87	8,795	46,857	1,861	15,804	36,150	147,221	307	2,551
	27-Aug	39	43	2	21	7,452	39,646	2,262	19,245	31,029	124,322	260	2,137
	28-Aug	38	43	5	53	6,827	36,342	2,448	20,997	34,998	139,821	294	2,430
	29-Aug	40	44	4	80	5,208	27,477	1,896	16,554	27,996	110,954	233	1,837
	30-Aug	39	40	2	16	2,481	13,119	1,713	14,919	18,631	74,053	247	1,832
	31-Aug	32	33	2	33	1,719	9,023	1,362	12,555	14,929	58,501	155	1,260
	1-Sep	36	38	13	108	2,079	10,980	1,649	14,901	11,982	48,466	137	1,061
	2-Sep	39	44	7	79	2,670	13,720	2,506	22,611	11,599	43,886	166	1,356
	3-Sep	26	29	1	20	1,656	8,488	1,448	14,393	6,051	24,648	120	1,005
	4-Sep	25	25	10	95	1,679	8,496	1,079	10,507	4,963	19,540	61	493
	5-Sep	35	35	17	171	1,469	7,689	1,289	12,072	5,229	21,009	84	619
	6-Sep	29	32	8	113	2,260	11,528	746	6,726	5,473	21,451	44	321
	7-Sep	28	29	9	86	1,366	7,361	968	8,695	6,265	23,537	68	497

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
(cont.)	8-Sep	22	23	1	13	1,480	7,481	593	5,317	5,446	17,684	67	435
	13-Sep	6	6	0	0	413	2,146	167	1,409	44	189	11	73
	14-Sep	10	13	1	9	966	4,984	346	3,028	106	442	17	113
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	16-Sep	7	7	2	16	1,620	8,291	241	2,121	43	178	13	90
	27-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		93	5,033	4,150	43,072	584,721	3,107,522	64,217	528,322	2,996,019	12,280,294	129,673	1,054,954
Average weight					10.38		5.31		8.23		4.10		8.14

* Confidential data.

APPENDIX F. NORTH SHELKOF FISHERY SUMMARY

INTRODUCTION

In 1988 there was a significant harvest of large (greater than 6 pound) sockeye salmon in management units bordering the northern portion of Shelikof Strait (Appendix F2). Analysis of average weights, salmon ages (determined from scale analysis), review of past tagging studies, and estimates of migratory timing, led to the determination that the majority of these sockeye salmon were bound for Cook Inlet (Barrett 1989). Though the Cook Inlet sockeye salmon run was at record level, the Alaska Board of Fisheries felt that this was an expanding, nontraditional harvest pattern. In 1990 the North Shelikof Strait Sockeye Salmon Management Plan (NSSSSMP; 5AAC 18.363; 2005) was adopted into regulation.

The NSSSSMP limits purse seine fishing opportunities in those sections of the KMA which border the north Shelikof Strait (those waters of Shelikof Strait from Dakavak Bay to Cape Douglas in the Mainland District and from Raspberry Cape to Shuyak Island in the Afognak District; Appendix F2). The plan covers the time period from July 6 through July 25 and establishes two specific sockeye salmon harvest "triggers" for defined management units within the affected zone. These triggers were established to protect Cook Inlet-bound sockeye salmon that migrate through the Shelikof Strait. The Southwest Afognak management unit, comprised of the Southwest Afognak Section and the North Shelikof management unit, comprised of the Dakavak Bay, Outer Kukak Bay, Hallo Bay, and Big River Sections of the Mainland District and the Shuyak Island and Northwest Afognak Sections of the Afognak District, have separate sockeye salmon harvest triggers (Appendix F2). If the sockeye salmon harvest within either of these units reaches an established cap, then commercial fishing opportunities within that unit are restricted.

By regulation "seaward zones" are established in each management unit. These zones are comprised of all waters seaward of a baseline which is drawn from cape to cape¹. The seaward zone of the Southwest Afognak Unit closes to fishing if 50,000 sockeye salmon are harvested from July 6 through July 25. The seaward zone of the North Shelikof Unit closes to fishing if 15,000 sockeye salmon are harvested from July 6 through July 25. If a seaward zone closure occurs, only the inshore "shoreward zone" (all waters inside the baseline) will remain open to commercial fishing during normal fishing periods.

¹ In 1993 the seaward zone boundary of the Southwest Afognak unit was modified by the Alaska Board of Fisheries. The seaward zone boundary was moved 1/2 mile offshore of the baseline running cape to cape, in order to allow for traditional harvest opportunities of pink salmon.

In the sixteen years NSSSSMP has been in effect the North Shelikof Units have had seaward zone closures every year except 1991 and 2000 (Appendix F3). The Southwest Afognak Unit seaward zone closures have occurred three times in 1992, 1993, and 2003 (Appendix F4).

The NSSSSMP places harvest limits on certain portions of the KMA bordering northern Shelikof Strait, from July 6 to 25, in an attempt to limit interception of Cook Inlet-bound sockeye salmon. If it appears that sockeye salmon harvest caps will be met, then fisheries are restricted to inshore waters only, and offshore seaward zones are closed (Wadle 2006).

In 2006, during the July 6 to 25 period of the NSSSSMP, three fishing periods were scheduled preseason in the Southwest Afognak Section and the eastern portion of the North Shelikof management unit (the Northwest Afognak and Shuyak Islands sections) of 105 hours in length. For the western portion of the North Shelikof management unit (in the Mainland District from Big River to Dakavak), four 57-hour fishing periods were scheduled starting noon July 6 (Wadle 2006).

First Fishing Period (July 6 to 10)

Commercial salmon fishing was slow during the first fishing period in part due to a lower amount of effort than in the recent past. Most of the effort was in the Afognak District. Only seven permit holders made landings in the North Shelikof Management units. By the end of the period on July 10, there was a total harvest of 18,571 salmon of which approximately 58% (10,852) of the harvest were sockeye salmon (Appendix F5).

Commercial salmon fishing effort was higher in the Southwest Afognak Section with 16 permit holders harvesting 547 Chinook, 10,352 sockeye, 654 coho, 27,861 pink, and 5,721 chum salmon in the first period (Appendix F6).

Second Fishing Period (July 12 to 16)

Despite the continued low effort, it was evident early in the second period that effort in the North Shelikof Management units had started shifting to the North Mainland. Harvest rates had increased rapidly especially in the Dakavak Bay Section and the 15,000 sockeye salmon harvest cap of the North Shelikof was estimated to be exceeded by noon on July 14, and the seaward zones were closed at that time. The salmon harvest for the North Shelikof Unit, for the second period, was 220 Chinook, 10,965 sockeye, 751 coho, 21,394 pink and 6,039 chum salmon (Appendix F5).

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During the second period in the Southwest Afognak unit fishing effort held steady at 15 permit holders harvesting 1,219 Chinook, 12,092 sockeye, 1,850 coho, 69,801 pink and 7,825 chum salmon.

Third Fishing Period (July 18 to 22)

There was actually two fishing periods during these dates on the mainland side of the North Shelikof units (July 18 to 20 and July 24 to 25) while the units on the Afognak Island side were open continuously throughout this period. During this time, approximately 27 vessels fished the shoreward zones of the North Shelikof units, with most of the effort occurring in the sections of the Mainland District. There was little or no effort on the Afognak side of the North Shelikof unit (in the Northwest Afognak and Shuyak Island Sections). A total of 60,721 sockeye salmon were harvested in the shoreward zone of the North Shelikof unit during this period. Also harvested were 204 Chinook, 7,377 coho, 118,976 pink, and 25,634 chum salmon (Appendix F5).

During the third period, only 4 vessels fished the Southwest Afognak unit as harvest rates decreased and harvest opportunities elsewhere were increasing. Commercial fishing was extended beyond July 25 effort was sporadic and daily catches were confidential. The salmon harvest in the Southwest Afognak unit for the third fishing period was 92 Chinook, 1,738 sockeye, 1,112 coho, 56,690 pink, and 1,605 chum salmon (Appendix F6).

2006 Summary

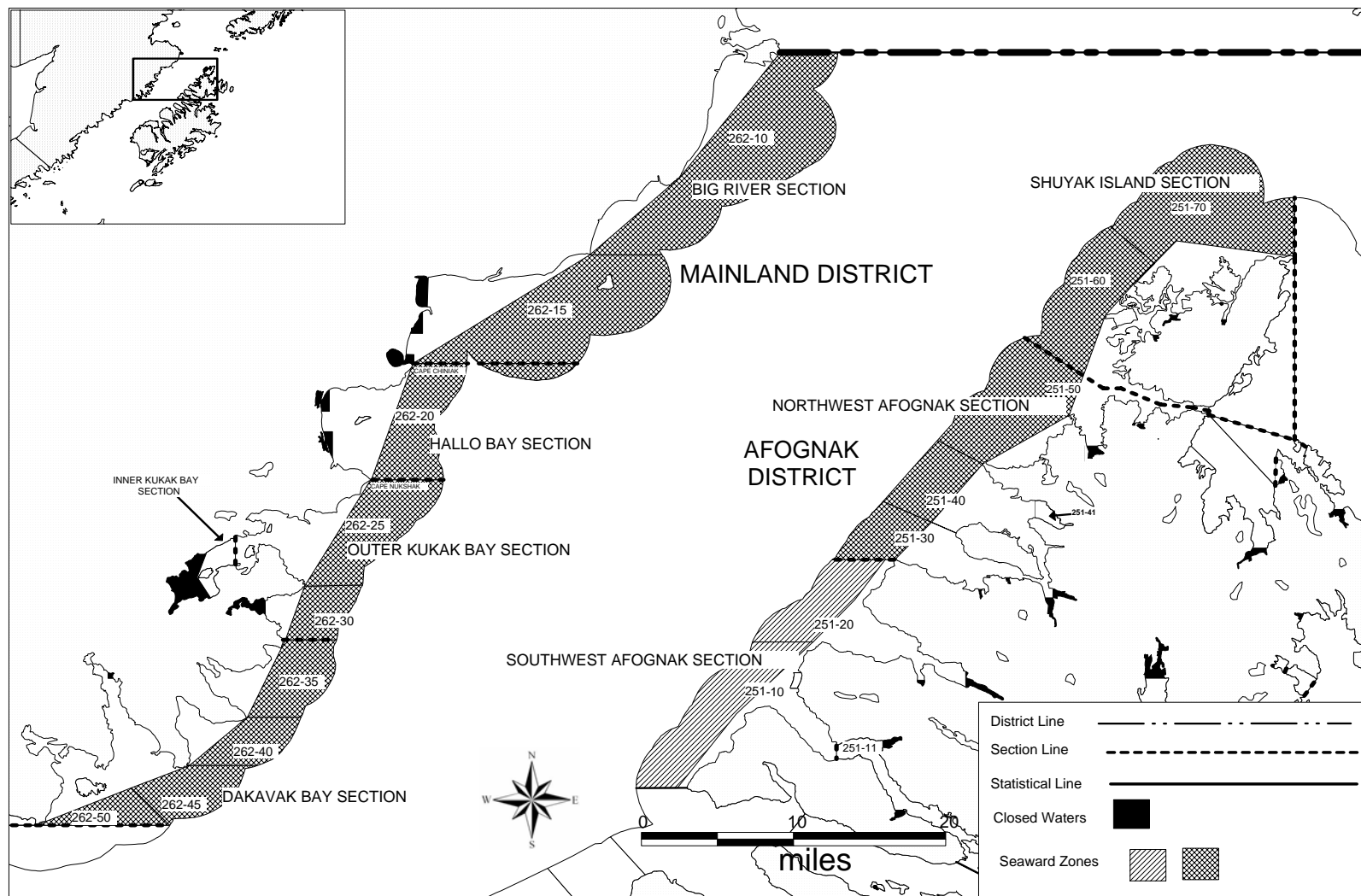
The 2006 North Shelikof Unit harvest for the July 6 through July 25 period totaled 482 Chinook, 82,538 sockeye, 8,312 coho, 146,445 pink, and 33,075 chum salmon, with 31 vessels participating (Appendix F3). The average weight of the sockeye salmon harvested in the North Shelikof Unit was 5.1 pounds (Appendix F5).

The 2006 Southwest Afognak Unit harvest for the time period July 6 through July 25 totaled 1,858 Chinook, 24,182 sockeye, 3,626 coho, 154,352 pink, and 15,151 chum salmon, with 22 vessels participating (Appendix F4). The average weight of the sockeye salmon harvested in the Southwest Afognak Unit was 4.9 pounds (Appendix F6).

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Appendix F2.-Map showing the North Shelikof management area.

Appendix F3.-Summary of fishing time, zone closures, effort, and harvest by species, for the North Shelikof management units (15,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1991-2006.

Year	Mainland		N. Afognak		Zone Closure		Sockeye Harvest at time of zone closure	Number of Vessels	Total Harvest by Species - July 6 through July 25					Upper Cook Inlet sockeye harvest (in millions)
	# of days open to fishing	# of days Seaward Zone closed	# of days open to fishing	# of days Seaward Zone closed	Date	Time			Chinook	sockeye	coho	pink	chum	
1991	7.1	0.0	13.1	0.0	none	none	no closure	42	2,500	18,800	2,700	44,800	3,800	2.2
1992	7.1	5.1	9.1	7.1	7/8	1:00 PM	13,500	77	900	128,400	3,100	24,300	12,000	8.9
1993	7.1	4.7	13.8	8.9	7/10	5:00 PM	15,220	89	1,200	78,400	2,000	75,600	4,200	4.7
1994	7.1	2.8	9.1	4.8	7/14	11:00 AM	22,830	58	165	38,800	2,400	52,000	10,500	3.5
1995	7.1	3.3	13.3	8.5	7/13	10:00 PM	15,770	77	150	37,400	1,260	178,800	16,590	2.9
1996	7.1	4.3	7.1	4.3	7/15	10:00 PM	11,675	77	260	73,720	1,820	30,050	14,585	3.9
1997	7.1	4.9	10.1	7.9	7/8	5:00 PM	19,850	80	1,940	59,140	1,840	38,190	4,550	4.1
1998	7.1	2.4	10.1	4.4	7/16	9:00 PM	17,812	39	140	40,630	5,380	59,535	6,370	1.2
1999	7.1	3.3	10.1	6.3	7/13	10:00 PM	13,021	45	310	30,830	230	31,920	7,795	2.7
2000	7.1	0.0	10.1	0.0	none	none	no closure	31	68	9,225	1,045	20,215	22,155	1.3
2001	7.1	2.7	10.1	4.7	7/16	1:00 PM	14,729	26	245	22,321	9,943	33,534	10,348	1.8
2002	7.1	2.4	10.1	4.7	7/15	5:00 PM	16,600	35	295	35,290	13,181	238,734	13,708	2.8
2003	7.1	5.1	13.1	11.1	7/8	12:00 PM	16,448	37	120	33,122	1,054	35,151	6,500	3.5
2004	7.1	3.5	13.1	7.5	7/13	5:00 PM	16,000	36	533	53,334	3,756	44,886	14,710	4.9
2005	7.1	3.8	13.1	8.3	7/13	12:01 AM	17,400	22	87	59,856	1,809	27,269	5,361	5.1
2006	8.6	4.3	17.3	9.9	7/14	Noon	15,000	31	482	82,538	8,312	146,445	33,075	2.4

Note: In 1988, the Upper Cook Inlet sockeye salmon run was very strong; the Upper Cook Inlet commercial harvest was approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof Units from 7/6-25, 1988, with 6.9 days open to fishing, 392,000 sockeye salmon were harvested. This led to adoption of regulations to limit the sockeye salmon harvest in the North Shelikof and Southwest Afognak Units (5 AAC 18.363).

Appendix F4.-Summary of fishing time, zone closures, effort, and harvest by species, for the Southwest Afognak management unit (50,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1990-2006.

Year	Zone Closure				Sockeye Harvest at time of zone closure	Number of Vessels	Total Harvest by Species - July 6 through July 25					Upper Cook Inlet sockeye harvest (in millions)
	# of days open to fishing	# of days Seaward Zone closed	Date	Time			Chinook	sockeye	coho	pink	chum	
1991	13.1	0.0	none	none	no closure	55	300	34,200	3,600	100,700	4,000	2.2
1992	9.1	4.7	7/14	1:00 PM	48,200	84	300	50,600	600	30,000	6,800	8.9
1993	13.6	7.7	7/14	1:00 PM	45,900	87	860	74,000	7,100	243,000	7,400	4.7
1994	9.6	0.0	none	none	no closure	45	360	13,600	1,000	64,300	3,100	3.5
1995	13.6	0.0	none	none	no closure	64	760	21,360	1,750	490,510	22,200	2.9
1996	7.6	0.0	none	none	no closure	32	185	10,510	803	79,205	10,785	3.9
1997	10.6	0.0	none	none	no closure	61	1,500	18,120	1,760	62,730	8,440	4.1
1998	10.6	0.0	none	none	no closure	22	240	10,340	2,290	82,685	1,900	1.2
1999	10.6	0.0	none	none	no closure	38	700	18,725	375	41,960	4,720	2.7
2000	10.6	0.0	none	none	no closure	31	90	17,810	1,220	37,340	7,225	1.3
2001	10.6	0.0	none	none	no closure	48	517	33,289	7,139	191,947	15,913	1.8
2002	10.6	0.0	none	none	no closure	32	502	23,691	3,742	122,892	4,821	2.8
2003	13.1	6.4	7/16	8:00 PM	66,000	41	125	119,490	6,006	238,088	15,829	3.5
2004	13.1	0.0	none	none	no closure	25	3,048	24,515	7,918	227,062	19,315	4.9
2005	13.1	0.0	none	none	no closure	29	492	30,262	1,501	156,150	2,754	5.1
2006	16.7	0.0	none	none	no closure	22	1,858	24,182	3,626	154,352	15,151	2.4

Note: In 1988, the Upper Cook Inlet sockeye salmon run was very strong; the Upper Cook Inlet commercial harvest was approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof Units from 7/6-25, 1988, with 6.9 days open to fishing, 392,000 sockeye salmon were harvested. This led to adoption of regulations to limit the sockeye salmon harvest in the North Shelikof and Southwest Afognak Units (5 AAC 18.363).

Appendix F5.-Daily salmon harvest by section and species for the North Shelikof Management Units of the North Shelikof Strait Sockeye Salmon Management Plan, 2006.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
First Period (July 6-July 10)												
6-Jul	0	0	0	0	0	0	0	0	0	0	0	0
7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
9-Jul	4	4	6	135	2,011	9,496	47	331	1,892	7,594	503	4,516
10-Jul	6	6	2	32	4,707	20,304	82	571	2,471	8,364	364	3,377
Total	7	13	58	620	10,852	49,753	184	1,325	6,075	22,076	1,402	12,046
Avg. Wt.				10.7		4.6		7.2		3.6		8.6
Second Period (July 12-16)												
12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
13-Jul	5	5	29	399	4,104	20,401	141	1,040	3,203	11,844	1,358	13,086
14-Jul	10	11	179	2,315	6,686	35,121	610	3,836	17,065	62,706	4,564	37,406
15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total	12	17	220	2,848	10,965	56,222	751	4,876	21,394	78,487	6,039	51,547
Avg. Wt.				12.9		5.1		6.5		3.7		8.5
Third Period (July 18-25)												
18-Jul	10	10	38	961	10,695	53,317	1,285	9,601	21,289	67,801	4,398	38,853
19-Jul	7	7	17	294	8,230	44,831	1,153	8,148	13,669	52,597	3,483	29,930
20-Jul	20	26	114	2,647	36,570	191,295	2,420	16,375	46,218	183,116	12,533	102,598
21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
24-Jul	10	10	19	351	2,602	13,729	916	4,933	19,519	69,700	2,548	20,096
25-Jul	5	5	16	278	2,624	14,442	1,603	10,303	18,281	67,025	2,672	22,123
Total	27	58	204	4,531	60,721	317,614	7,377	49,360	118,976	440,239	25,634	213,600
Avg. Wt.				22.2		5.2		6.7		3.7		8.3
North Shelikof Management Harvest July 6-25												
Total	31	88	482	7,999	82,538	423,589	8,312	55,561	146,445	540,802	33,075	277,193
Avg. Wt.				16.6		5.1		6.7		3.7		8.4

* Confidential data.

Appendix F6.-Daily salmon harvest by section and species, in the Southwest Afognak management units of the North Shelikof Strait Sockeye Salmon Management Plan, 2006.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
First Period (July 6-10)													
6-Jul	6	7	137	933	3,861	19,061	165	1,185	7,097	27,936	1,571	14,900	
7-Jul	6	6	102	949	3,793	18,234	357	2,453	11,974	39,544	2,297	18,893	
8-Jul	4	4	13	111	899	4,343	55	415	2,764	9,845	878	6,887	
9-Jul	4	4	213	1,765	814	3,640	36	253	3,627	13,051	368	3,118	
10-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
Total	16	25	547	4,422	10,352	49,815	654	4,600	27,861	99,921	5,721	49,365	
Avg. Wt.				8.1		4.8		7.0		3.6		8.6	
Second Period (July 12-16)													
12-Jul	7	7	688	4,009	3,670	16,994	416	3,080	18,158	72,601	2,180	20,032	
13-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
14-Jul	9	10	424	2,351	4,706	21,383	900	6,902	20,802	74,047	2,410	21,099	
15-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
16-Jul	7	7	66	435	2,145	12,021	275	1,852	21,803	81,058	2,274	13,536	
Total	15	28	1,219	7,255	12,092	58,115	1,850	13,582	69,801	264,807	7,825	62,902	
Avg. Wt.				6.0		4.8		7.3		3.8		8.0	
Third Period (July 18-25)													
18-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
19-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
20-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
21-Jul	*												
22-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
23-Jul	0	0	0	0	0	0	0	0	0	0	0	0	
24-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
25-Jul	0	0	0	0	0	0	0	0	0	0	0	0	
Total	4	7	92	1,020	1,738	9,449	1,122	8,228	56,690	221,215	1,605	13,921	
Avg. Wt.				11.1		5.4		7.3		3.9		8.7	
Season													
Total	22	60	1,858	12,697	24,182	117,379	3,626	26,410	154,352	585,943	15,151	126,188	
Avg. Wt.				6.8		4.9		7.3		3.8		8.3	

* Confidential data.

APPENDIX G. EASTSIDE AFOGNAK FISHERY SUMMARY

INTRODUCTION

In 1990 the Alaska Board of Fisheries (BOF) adopted the Eastside Afognak Management Plan (5AAC 18.365; ADF&G 2005) into regulation to manage the fisheries in the vicinity of the Kitoi Bay Hatchery. The plan has been in effect with occasional modification since 1981, and was formulated jointly by KMA commercial fishery managers and the Kitoi Bay Hatchery manager. This hatchery, on the eastside of Afognak Island, (Appendix G2) produces significant returns of pink, chum, and coho salmon. The goal of this plan is to achieve escapement and harvest objectives for salmon stocks of the Raspberry Straits, Southeast Afognak, Duck Bay, Izhut Bay, and Kitoi Bay Sections, and assure broodstock for the hatchery. This plan details the key species and targeted stocks which are managed in each of these sections throughout the fishing season.

2006 Eastside Afognak Fishery

Management of the Southeast Afognak Section is based on local salmon runs. Fisheries may be allowed from June 5 to July 5 based on the sockeye salmon returning to the Afognak Lake system, and after July 6 based on local pink, chum, and coho salmon. The initial opening for this system is normally scheduled for June 14 (Wadle 2006). Although small harvestable surpluses were projected for the 2006 season (Eggers 2006), low returns of sockeye salmon to Afognak Lake resulted in no directed sockeye salmon commercial fisheries. However, the run was strong enough to allow subsistence harvest of fish although closed waters were expanded to larger than normal (Ortubistoi Point to Settlement Point) from July 1 through July 26 to help increase escapement. Sport fishing harvest was also curtailed in-season to conserve sockeye salmon first by reducing the bag limit to 1 fish a day on June 22, and then closing the sport fishery entirely from July 1 through July 25. When escapement rates increased and the minimum escapement goal was achieved, the sport fishery was reopened on July 26.

In order to allow harvest opportunity of a relatively strong coho salmon run to Afognak River, the Southeast Afognak Section was allowed to initially open to commercial salmon fishing August 9 but there was little effort and the season harvest is confidential (Appendix G3).

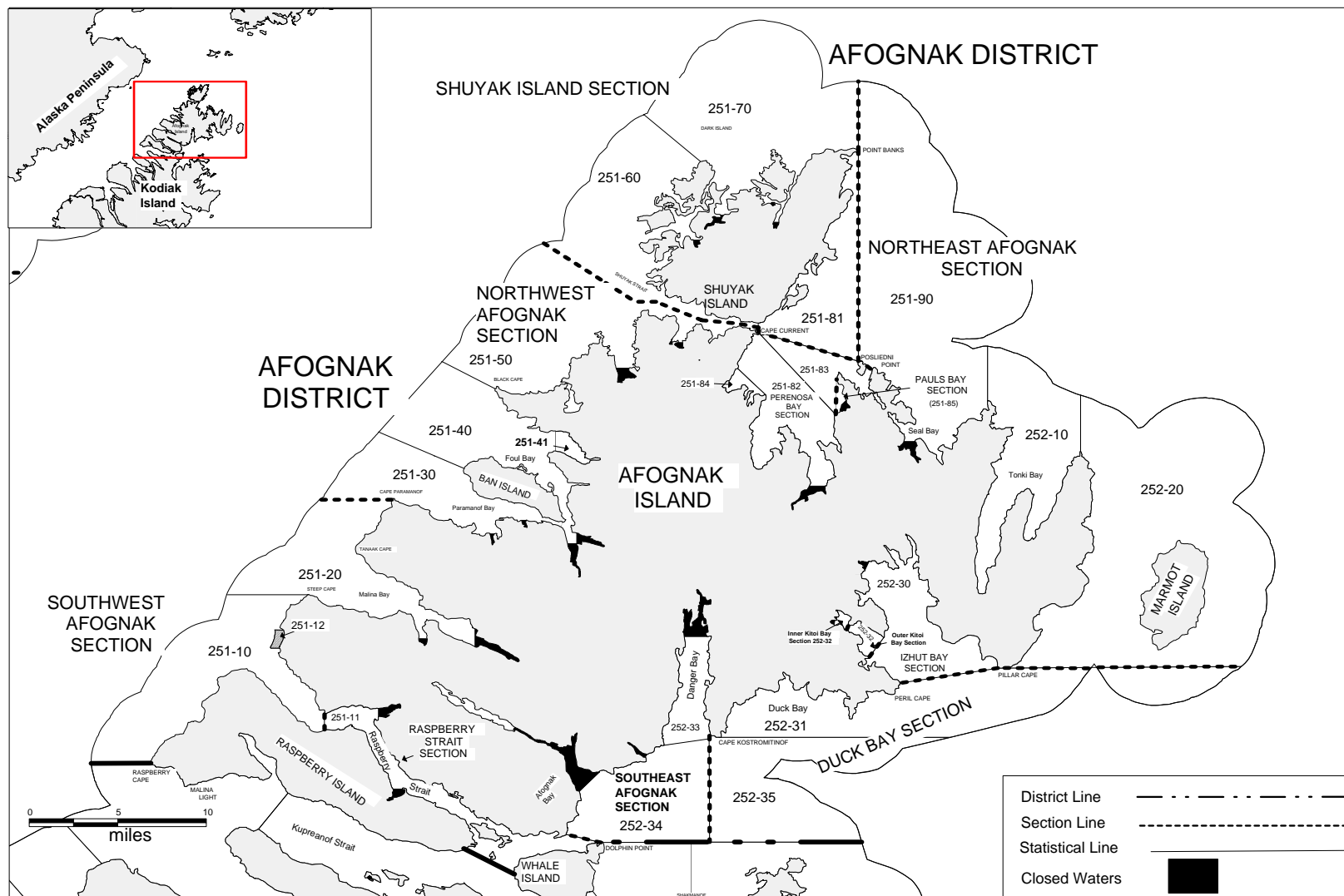
Duck Bay, Izhut Bay, Inner Kitoi and Outer Kitoi Bay sections all opened to commercial salmon fishing on June 5 with the last delivery occurring on September 23. In fisheries targeting the Kitoi Bay hatchery return, which include the Duck Bay, Izhut Bay, Inner Kitoi and Outer Kitoi Bay sections, 90 permit holders harvested 800 Chinook 23,822 sockeye, 168,205 coho, 4,158,109 pink, and 177,548 chum salmon (Appendix G3). The hatchery pink, sockeye and chum salmon harvests were below projected 2006 point estimates. The Kitoi Bay Hatchery coho salmon harvest was slightly above the forecasted harvest.

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There was a cost recovery fishery near the Kitoi Bay Hatchery, with Kitoi pink and coho salmon harvested and sold by KRAA. The cost recovery fishery took approximately 2.3 million pink salmon (9.1 million pounds), about 56% of the Kitoi Bay Hatchery pink salmon 2006 harvest (4,158,109 fish). This year, 16,566 hatchery coho salmon were also harvested in the cost recovery fishery.

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- Wadle, J. 2006. Kodiak Management Area harvest strategy for the 2006 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K06-26, Kodiak.



Appendix G2.-Map of the Afognak District of the Kodiak Management Area.

Appendix G3.-Daily salmon harvest, by species, for the management units of the East Afognak Management Plan, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Raspberry Strait Section													
251-11	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Southeast Afognak Section													
252-34 & 33	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		5	15	1	40	200	1,032	1,409	12,085	64,296	243,899	72	529
Average weight							5.2		8.6		3.8		7.3
Izhut Bay Section													
252-30	5-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	15-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jun	4	4	2	11	49	271	0	0	1	5	6,830	55,160
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jun	6	6	4	63	47	271	0	0	5	17	5,843	49,729
	19-Jun	6	6	5	74	390	1,758	0	0	319	821	2,629	24,858
	20-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	12	12	36	321	826	3,664	4	36	272	552	10,536	95,098
	22-Jun	6	6	0	0	40	189	2	13	0	0	4,265	30,653
	23-Jun	6	6	12	166	127	573	3	20	91	182	4,025	36,292
	24-Jun	6	6	9	138	143	774	1	7	18	49	6,242	56,874
	25-Jun	10	10	5	41	214	949	3	23	47	152	11,786	81,694
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	18	18	85	355	366	1,554	6	49	73	208	10,954	96,425
	28-Jun	14	14	11	173	494	1,984	25	162	271	789	11,023	92,525
	29-Jun	6	6	1	41	125	438	15	101	48	156	2,816	23,807
	30-Jun	9	9	33	216	167	810	10	52	125	508	3,829	32,146
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Izhut Bay Section (cont.)	23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	13	13	0	0	101	578	7,837	63,241	70,534	259,490	51	382
	21-Aug	13	13	0	0	122	638	5,365	47,317	51,917	204,119	34	269
	22-Aug	6	6	0	0	15	79	3,528	28,473	17,093	62,642	10	63
	23-Aug	9	10	1	9	30	182	4,817	39,620	39,825	143,287	8	54
	24-Aug	5	5	0	0	4	19	594	4,946	8,047	30,914	0	0
	25-Aug	7	7	0	0	32	155	2,972	24,266	22,193	86,867	6	37
	26-Aug	8	8	0	0	23	105	2,500	20,777	22,284	82,585	5	37
	27-Aug	15	16	0	0	27	133	3,433	31,858	48,763	188,704	4	30
	28-Aug	8	8	2	26	54	271	1,884	16,817	37,238	145,254	2	9
	29-Aug	5	5	0	0	21	115	1,426	10,682	13,501	53,608	2	13
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	8	8	0	0	0	0	3,247	23,970	20,175	78,472	0	0
	1-Sep	6	6	0	0	12	69	2,080	15,150	12,909	49,698	0	0
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		63	235	239	2,027	3,870	17,744	42,783	354,034	403,879	1,532,398	92,293	774,293
Average weight					8.5		4.6		8.3		3.8		8.4
Duck Bay Section													
252-31 & 35	5-Jun	4	4 0	62	715	401	1,960 0	1	4 0	38	102	342	3,736
	6-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	9-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	10-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	13-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	14-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	17-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	19-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*
	20-Jun	*	* *	*	* *	*	* *	*	* *	*	* *	*	*

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Duck Bay Section (cont.)	21-Jun	4	4	0	0	502	2,197	7	49	303	840	3,512	29,160
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jun	4	4	2	24	300	1,391	7	47	297	909	3,200	24,389
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	5	5	0	0	355	1,674	38	257	120	359	3,862	29,907
	1-Jul	5	5	52	351	677	3,225	47	312	519	1,566	4,060	29,098
	2-Jul	5	5	51	342	809	3,947	71	565	550	1,924	4,423	36,087
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jul	6	6	7	76	332	1,686	404	2,559	459	1,704	8,297	65,556
	7-Jul	7	7	14	265	532	2,448	416	2,443	1,253	3,716	6,030	51,647
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	4	4	6	62	677	3,474	253	1,464	8,225	29,345	640	4,934
	14-Jul	4	5	1	26	406	2,320	177	1,186	5,987	25,292	575	4,050
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	4	4	1	19	356	1,995	120	830	7,274	25,951	524	3,819
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jul	4	4	0	0	541	2,774	109	689	11,045	33,605	547	4,709
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	4	6	0	0	706	3,636	669	5,390	32,366	119,358	565	4,646
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jul	4	4	6	78	210	1,103	423	2,886	18,933	81,091	113	960
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	12	13	0	0	204	969	3,797	35,411	49,132	194,590	40	271

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Duck Bay Section (cont.)	19-Aug	7	8	0	0	152	710	3,512	29,730	42,267	165,561	27	247
	20-Aug	7	8	4	69	85	385	2,934	27,308	52,506	208,264	37	328
	21-Aug	14	16	5	65	328	1,662	3,954	34,924	99,274	397,276	14	104
	22-Aug	8	9	0	0	131	715	3,244	25,934	61,197	254,328	24	210
	23-Aug	14	15	1	40	176	985	2,977	25,279	92,066	337,716	32	247
	24-Aug	12	12	2	37	278	1,411	5,299	45,136	102,470	404,573	582	4,288
	25-Aug	5	6	0	0	150	840	1,601	13,047	51,999	195,902	4	29
	26-Aug	10	10	0	0	128	683	1,792	15,101	39,578	154,805	20	144
	27-Aug	8	10	0	0	129	692	2,094	18,011	36,372	146,429	14	93
	28-Aug	5	6	0	0	86	375	1,164	9,755	14,066	57,859	6	45
	29-Aug	5	5	0	0	51	273	955	7,820	16,990	64,742	3	22
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	5	6	0	0	63	309	2,426	18,682	24,642	106,717	0	0
	1-Sep	7	8	0	0	58	298	769	6,065	10,450	40,484	848	3,819
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		59	265	540	5,225	16,873	82,851	47,325	375,700	855,198	3,344,795	67,539	534,435
Average weight					9.7		4.9		7.9		3.9		7.9
Inner & Outer Kitoi Bay Sections													
252-32	5-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	15-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jun	4	4	0	0	19	98	0	0	0	0	4,684	37,419
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	*	*	*	*	*	*	*	*	*	*	*	*

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner & Outer Kitoi													
Bay Sections													
(cont.)	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	11-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	4	4	0	0	15	82	1,501	10,446	18,099	69,650	4	34
	26-Aug	12	14	0	0	3	15	5,375	43,320	71,480	262,997	0	0
	27-Aug	12	13	0	0	12	58	5,155	38,354	95,719	365,508	401	3,217
	28-Aug	9	9	0	0	15	79	4,196	33,396	52,200	202,426	3	28
	29-Aug	9	9	0	0	27	151	3,012	23,926	42,850	149,171	0	0
	30-Aug	36	43	1	9	1,042	8,189	32,753	247,603	265,702	1,045,409	1,008	9,073
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	4	5	0	0	0	0	2,065	17,621	7,750	33,188	0	0
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	5	6	0	0	0	0	2,755	22,320	1,877	6,684	0	0
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	17-Sep	*	*	*	*	*	*	*	*	*	*	*	*

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner & Outer Kitoi													
Bay Sections													
(contd.)	20-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	23-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		56	221	21	249	3,079	17,644	78,097	604,150	2,899,032	11,352,039	17,716	140,379
Avg.Wt.					11.9		5.7		7.7		3.9		7.9
Management Units Targeting Kitoi Hatchery													
(Inner & Outer Kitoi, Izhut and Duck Bay Sections)													
Subtotal		90	721	800	7,501	23,822	118,239	168,205	1,333,884	4,158,109	16,229,232	177,548	1,449,107
Avg.Wt.					9.4		5.0		7.9		3.9		8.2
East Afognak Management Units													
Grand Total		91	740	801	7,541	24,242	120,181	171,551	1,355,629	4,229,480	16,503,459	177,788	1,450,693
Avg.Wt.					9.4		5.0		7.9		3.9		8.2

* Confidential data.

APPENDIX H. SPIRIDON BAY SPECIAL HARVEST AREA FISHERY SUMMARY

Appendix H1.-Narrative account of the Spiridon Bay Special Harvest Area sockeye salmon fishery in the Kodiak Management Area, 2006.

INTRODUCTION

Adult sockeye salmon, resulting from juvenile stocking of Spiridon Lake, return each year to Telrod Cove in Spiridon Bay (Appendix H2), and are vulnerable to harvest in westside Kodiak commercial fisheries. A return of approximately 107,900 Spiridon Lake sockeye salmon was expected in 2006. Sockeye salmon stocked into Spiridon Lake were from Saltery Lake stocks. Spiridon Lake sockeye salmon are expected to return in late June to early July, peak in mid to late July, and end in by mid-August. This run timing should follow the Saltery Lake sockeye salmon stock.

2006 Spiridon Bay sockeye salmon fishery

On June 28 the Spiridon Bay Special Harvest Area (SBSHA) in Telrod Cove was opened until further notice to allow harvest of enhancement project sockeye salmon. Fifteen seiners harvested 1 Chinook, 36,435 sockeye, 7 coho, 29,281 pink, and 1,099 chum salmon from the SBSHA (Appendix H3). Fishing in the SBSHA was closed after the sockeye salmon run had subsided on August 18. Salmon purse seine and set gillnet permit holders operated along the westside of Kodiak in traditional fishing areas during fisheries directed at west side pink, chum, and late-run Karluk sockeye salmon. Some Spiridon-bound sockeye salmon were harvested in those fisheries. The total contribution of sockeye salmon by the Spiridon enhancement project to the common property fishery was estimated based on past analyses of commercial catch samples from Westside Kodiak fisheries. The total 2006 harvest of Spiridon enhancement project sockeye salmon was estimated at 88,866 fish, with approximately 41% (36,435) harvested within the terminal harvest area and 59% (52,431) harvested in the Southwest Afognak Section and Northwest Kodiak District (Appendix H4) and are considered minimum estimates.

Appendix H2.-Map showing Spiridon Bay Special Harvest Area in the Northwest Kodiak District.

Appendix H3.-Daily salmon harvest, by species and gear type, for the Spiridon Bay Special Harvest Area, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Spiridon Bay SHA													
	28-Jun	11	11	0	0	6,307	30,992	0	0	98	407	13	122
	29-Jun	5	6	0	0	473	2,322	0	0	29	118	8	72
	30-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	1-Jul	4	4	0	0	783	3,847	0	0	109	478	288	2,569
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	4	4	0	0	793	3,827	0	0	104	461	23	243
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jul	5	6	0	0	4,338	20,375	0	0	160	730	9	95
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	4	5	0	0	1,823	7,574	0	0	775	3,128	147	1,326
	14-Jul	4	4	0	0	459	2,116	0	0	925	3,752	56	543
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	4	5	0	0	2,416	11,175	0	0	155	657	61	534
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		15	91	1	4	36,435	169,610	7	71	29,281	113,544	1,099	9,937
Avg. Weight					4.00		4.66				3.88		9.04

* Confidential data.

Appendix H4.-Estimated contribution to the commercial harvest of the sockeye salmon Spiridon Lake enhancement project, by locality, in the Kodiak Management Area, 2006.

	Actual	Estimated	
	Telrod Cove	Southwest Afognak Section and NW Kodiak District	Westside Total
Total	36,345	52,431	88,866
Percent	41%	59%	100%

APPENDIX I. EASTSIDE KODIAK FISHERY SUMMARY

INTRODUCTION

The goal of the Eastside Kodiak Salmon Management Plan is to achieve escapement and harvest objectives for sockeye, pink, chum, and coho salmon returning to spawning streams in the Northeast Kodiak and Eastside Kodiak Districts. This plan details the key species and targeted stocks that are managed in each of these sections throughout the fishing season (5 AAC 18.367: 2005).

For the Northeast Kodiak District (Appendix I2), all sections are to remain closed to commercial salmon fishing until July 6, when the general pink salmon fishery begins for most of the KMA (Wadle 2006). Fishing opportunities through August 24 are to be based on the abundance of local and mixed pink and chum salmon, except that in the Buskin River Section from July 6 to 15 fishing may be allowed based on local pink salmon and Buskin River (stream # 259-211) sockeye salmon. From August 25 to September 5, fishing periods are based on the abundance of local pink and coho salmon, and after September 5, on local coho salmon.

In the southern portion of the Eastside Kodiak District (Appendix I3), including the Seven Rivers, Two Headed, and Sitkalidak Sections, not more than two 33-hour fishing periods may occur from June 14 to July 5, to harvest local and mixed sockeye salmon. The Inner Ugak Bay Section may not open for more than two 33-hour fishing periods from June 14 to June 21. From June 22 to July 5 fishing opportunities are to be based on sockeye salmon bound to either the Pasagshak River (stream # 259-411) in Outer Ugak or the Saltery River (stream # 259-415) in Inner Ugak. From July 6 through August 24, fishing opportunities in all sections are to be based on the abundance of local and mixed pink and chum salmon, except that in Inner Ugak Saltery sockeye salmon must be considered through July 31. From August 25 to September 5, fishing periods are based on the abundance of local pink, chum, and coho salmon and after September 5 on local coho salmon (5 AAC 18.367; 2005).

Within the Buskin River Section of the Northeast Kodiak District, the Buskin Lake system produces a significant run of sockeye salmon. Within the Inner Ugak Section of the Eastside Kodiak District, the Saltery Lake system produces a significant run of sockeye salmon. A weir is operated on the Buskin River for accurate escapement enumeration. Other minor sockeye salmon systems are present in the Eastside Kodiak District, including Pasagshak, Miam (stream # 259-412), and Ocean Beach (stream # 258-401).

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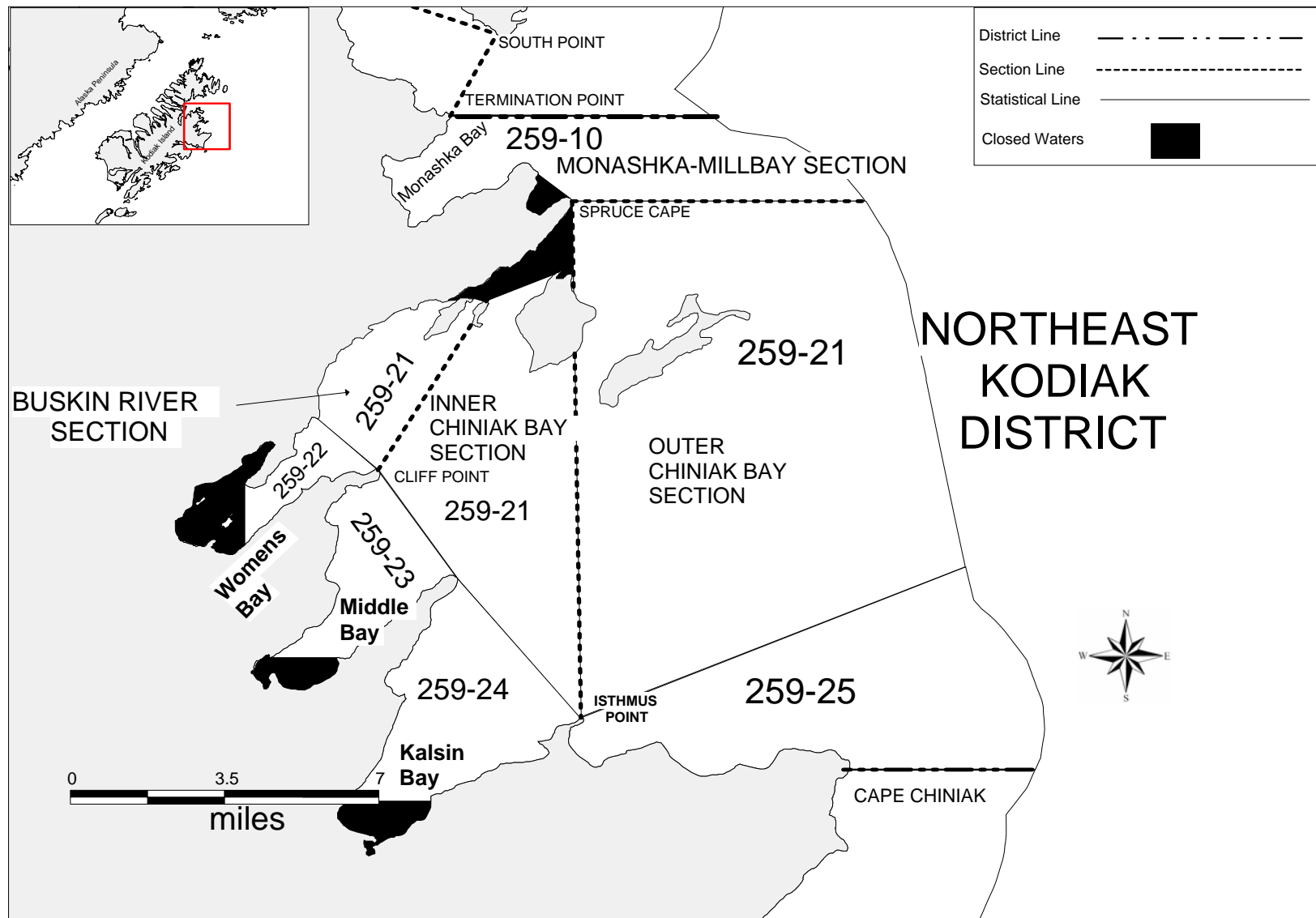
2006 Eastside Kodiak Fisheries

There was a decreased ability to monitor SALTERY Lake sockeye salmon returns in 2006 due to the lack of funding for a weir. Despite this, aerial surveys indicated that the run was strong and liberal fishing time, with reduced closed waters, was initiated to keep escapements within optimum ranges. The Inner Ugak Section was first opened on June 14 then reopened on June 21 for two 33 hour periods in June. Fishing was reopened on July 6 and remained open to almost continuous fishing until August 5, when the majority of the sockeye salmon escapement had been achieved. Pink salmon returns to the Eastside District were large and fisheries remained open almost continuously until the end of the season on October 31.

The Buskin River had another strong run of sockeye salmon and commercial salmon fishing was allowed initially on July 6. Other openers followed during the general pink salmon management period and late season coho salmon management. The total commercial harvest for the Eastside Kodiak management units (Northeast and Eastside Kodiak Districts) was 3,757,624 salmon by 63 permit holders, including 1,184 Chinook, 73,785 sockeye, 70,560 coho, 3,348,297 pink, and 263,798 chum salmon (Appendix I4). The last landing from Eastside Kodiak management units occurred on September 23.

References Cited

- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Management Division, Juneau.
- Wadle, J. 2006. Kodiak Management Area harvest strategy for the 2006 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K06-26, Kodiak.
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Appendix I2.-Map of the Northeast Kodiak District identifying commercial salmon fishing sections and statistical areas.

Appendix I3.-Map of the Eastside Kodiak District identifying commercial salmon fishing sections and statistical areas.

Appendix I4.-Daily commercial salmon harvest, by species, for the Eastside Kodiak Management Plan units, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Eastside Kodiak District													
	14-Jun	4	4	10	164	852	4,088	3	16	73	212	178	1,790
	15-Jun	4	4	13	250	2,166	10,850	1	5	363	955	266	2,196
	21-Jun	7	7	317	4,694	1,961	7,804	13	85	182	609	412	4,142
	22-Jun	8	8	76	1,613	5,892	25,832	27	140	3,899	12,211	1,723	15,309
	6-Jul	15	15	223	2,677	4,650	22,480	933	6,038	8,199	28,720	7,635	57,416
	7-Jul	10	10	65	1,101	3,121	14,827	550	3,983	4,686	14,024	5,500	43,887
	8-Jul	7	7	31	393	3,081	13,554	797	4,883	7,425	22,274	3,856	29,467
	9-Jul	15	15	110	1,781	6,378	31,212	2,246	13,947	16,020	48,850	13,960	105,227
	10-Jul	4	4	16	291	1,566	7,979	697	4,716	3,423	12,727	4,479	31,236
	12-Jul	12	12	55	713	8,388	42,370	2,425	14,436	32,193	101,590	9,539	67,615
	13-Jul	13	16	39	512	8,863	44,152	2,718	18,049	29,938	106,329	11,994	86,391
	14-Jul	15	15	70	714	4,053	20,456	568	3,254	11,157	34,726	8,099	64,441
	15-Jul	9	9	15	125	2,703	14,339	783	4,665	13,142	44,078	5,236	43,464
	16-Jul	13	13	14	189	1,691	8,746	449	2,424	9,911	34,014	4,727	39,972
	18-Jul	5	6	3	69	1,098	5,804	64	387	4,579	13,844	902	7,543
	19-Jul	6	6	1	12	678	3,517	26	153	8,953	27,229	3,226	28,503
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	10	10	4	79	1,759	8,140	142	928	41,104	154,828	4,999	43,930
	22-Jul	10	10	4	49	2,886	14,041	8,130	28,560	42,201	134,117	5,153	40,248
	23-Jul	4	5	2	43	447	1,791	26	132	22,866	91,470	2,944	25,794
	24-Jul	14	17	2	45	1,536	7,970	118	954	124,003	406,795	8,826	74,127
	25-Jul	13	13	2	45	930	4,209	50	384	86,640	275,666	5,472	42,340
	26-Jul	10	10	2	23	187	1,003	23	176	71,475	255,635	3,868	32,679
	31-Jul	17	22	0	0	50	268	1	10	237,527	809,692	1,710	12,967
	1-Aug	16	22	1	14	135	705	0	0	191,130	656,395	7,957	72,311
	2-Aug	18	23	0	0	496	2,429	3	19	143,389	491,647	7,087	58,553
	3-Aug	7	9	1	6	449	2,252	32	227	70,590	233,348	1,058	9,093
	4-Aug	11	13	0	0	382	2,054	0	0	119,911	443,427	2,991	27,649
	5-Aug	10	14	0	0	132	725	14	83	109,003	437,036	2,012	18,310
	6-Aug	12	18	0	0	258	1,412	13	94	172,592	624,590	6,405	58,418
	7-Aug	13	20	0	0	987	5,396	78	706	168,858	632,399	4,395	40,097
	8-Aug	12	15	0	0	443	2,444	79	564	130,843	502,599	4,476	40,099
	9-Aug	13	16	0	0	261	1,362	34	255	139,383	487,841	3,083	28,135
	10-Aug	11	16	1	18	388	2,062	75	511	119,952	437,607	3,996	34,646

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Eastside Kodiak District (contd.)	11-Aug	10	12	0	0	149	920	119	1,039	74,086	253,534	2,928	24,550	
	12-Aug	12	15	0	0	474	2,617	91	719	164,947	599,224	6,407	53,159	
	13-Aug	13	19	0	0	225	1,176	119	1,000	147,745	637,509	3,321	33,005	
	14-Aug	12	15	0	0	347	1,893	206	1,622	141,580	467,088	5,844	50,155	
	15-Aug	7	7	0	0	156	782	85	700	58,150	222,879	1,459	11,434	
	16-Aug	11	14	0	0	122	671	211	1,492	123,960	502,914	3,217	28,149	
	17-Aug	8	9	0	0	120	590	254	1,778	51,054	185,629	2,456	19,424	
	18-Aug	6	7	0	0	53	263	3,143	16,066	16,528	71,699	1,431	13,429	
	19-Aug	7	7	0	0	195	1,062	646	4,685	57,615	217,242	1,539	12,306	
	20-Aug	7	7	0	0	423	1,830	732	5,866	35,501	151,159	3,373	27,170	
	21-Aug	11	13	0	0	278	1,419	3,210	13,702	83,326	313,878	1,917	16,377	
	22-Aug	4	4	0	0	47	227	94	762	21,863	98,338	1,123	9,908	
	23-Aug	6	6	0	0	141	656	631	5,124	27,666	99,434	5,450	47,460	
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	4	5	0	0	67	290	950	7,909	11,128	37,585	4,514	34,405	
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	5	5	0	0	244	1,224	6,437	52,471	67	237	519	4,609	
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
	16-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*
17-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*	
19-Sep	*	*	*	*	*	*	*	*	*	*	*	*	*	
Total		57	588	1,083	15,743	73,331	359,464	52,125	353,749	3,227,765	11,669,459	245,011	2,019,967	
Avg. Weight					14.54		4.90		6.79		3.62		8.24	

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Kodiak District													
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	8	8	0	0	41	216	199	1,687	23,077	98,776	2,274	20,635
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	16-Sep	*	*	*	*	*	*	*	*	*	*	*	*

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Kodiak District													
(contd.)	22-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	23-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		25	73 0	101	334	454	3,022	18,275	124,112	120,532	496,887	17,987	155,123
Average weight					3.3		6.7		6.8		4.1		8.6
Eastside Management Plan Total		63	662	1,184	16,077	73,785	362,486	70,560	479,461	3,348,297	12,166,346	263,798	2,180,090
					13.6		4.9		6.8		3.6		8.3

* Confidential data.

APPENDIX J. NORTH AFOGNAK FISHERY SUMMARY

INTRODUCTION

In November of 1995, the Alaska Board of Fisheries voted into regulation the North Afognak/Shuyak Island Salmon Management Plan (5AAC 18.368; 2005) governing all commercial salmon fisheries on the north end of the Kodiak Archipelago. Though no comprehensive regulatory management plan was in effect prior to that date, the commercial fisheries of the area had followed a framework developed by fishery managers beginning in the early 1970s, with the harvest strategy remaining basically unchanged after 1987. The goal of this plan is to achieve escapement and harvest objectives for sockeye, pink, and coho salmon returning to spawning systems located in the Northeast Afognak, Perenosa Bay, Pauls Bay, Shuyak Island, and Northwest Afognak Sections of the Afognak District (Appendix J2). This plan details the key species and targeted stocks that are managed in each of these sections throughout the fishing season. This plan was first in effect during the 1996 season and has been most recently modified in January of 2005.

For the Northeast Afognak and Shuyak Island Sections, commercial salmon fishing is to remain closed until July 6, when the general pink salmon fishery begins for most of the Kodiak Management Area. Fishing opportunities in the Northeast Afognak Section are based on the abundance of local and mixed pink salmon through August 24, then management switches toward local pink and coho salmon through September 5, then to local coho salmon after September 5. Fishing opportunities in the Shuyak Island Section are to be based on the abundance of local and mixed pink salmon through August 1, then are based on local coho salmon through the end of the season. From July 6 to 25 the Shuyak Island Section is also managed in accordance with the North Shelikof Strait Sockeye Salmon Management Plan (5 AAC 18.363; 2005).

For the Perenosa Bay Section, from June 1 to July 5 fishing opportunities are based on sockeye salmon returning to the Pauls Bay and Portage Lake systems. Additional fishing time may be allowed to harvest enhanced sockeye salmon bound for the Little Waterfall system, but only inside the Waterfall Bay Special Harvest Area (WBSHA). From July 6 to July 20 management for the Perenosa Bay Section is based on local and mixed Kodiak pink salmon and Pauls and Portage Lakes sockeye salmon. From July 21 to August 20, management is based on the abundance of local and mixed pink salmon, from August 21 to September 5 on local pink and coho salmon, and after September 5 fishing opportunities are to be based on the abundance of local coho salmon.

For the Northwest Afognak Section, from June 1 to July 5 fishing opportunities are based on sockeye salmon bound to the minor systems at Thorsheim Lake (stream # 251-302) and Long Lagoon (stream # 251-301), though there may be no more than two 33-hour fishing periods. Additional fishing time may be allowed to harvest enhanced sockeye salmon bound for the Hidden

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Lake system, but only in the Foul Bay Special Harvest Area (FBSHA). From July 6 to August 24 management is based on the abundance of local and mixed pink salmon, and after August 24 fishing periods are based on the abundance of local coho salmon. Additional fishing time may be allowed to harvest enhanced coho salmon bound for the Hidden Lake system, but again only in the FBSHA. From July 6 to 25 the Northwest Afognak Section is also managed in accordance with the North Shelikof Strait Sockeye Salmon Management Plan (5 AAC 18.363; 2005).

For the Pauls Bay Section, from June 1 to July 5, fishing opportunities are based on sockeye salmon returning to Pauls Bay. From July 6 to August 1, management of the Pauls Bay Section is based on local and mixed pink salmon and sockeye salmon bound for Pauls Bay. After August 1, management is based on the abundance of local coho salmon. The department shall manage the Pauls Creek coho salmon escapement based on interim escapement objectives, as determined by the department.

2006 North Afognak/Shuyak Island Fisheries

In 2006 the first commercial salmon fishing period for the North Afognak/Shuyak Island management units began June 1, limited to the Foul Bay and Waterfall Bay Special Harvest Areas. The FBSHA catches were poor although the effort was so low as to make the harvest confidential (Appendix J3). The sockeye salmon harvest tapered off and so did effort. The final FBSHA sockeye salmon harvest for the 2006 season was confidential. The WBSHA fishery saw no effort or harvest during the 2006 season (Appendix J3) and the run was very depressed. The FBSHA was below the 2006 forecast (1,483 to 8,231) as well as the WBSHA (4,345 to 12,524; Nelson et al. 2005)).

The Pauls Bay Section (5 ACC 18.368(f); 2005) opened on June 14 and 21 for two 33-hour periods in order to test the strength of the sockeye salmon run. Due to budget constraints the Pauls Bay weir was not operated in 2006. Aerial and foot surveys were used to determine interim salmon escapements. The Pauls Bay Section was reopened on July 6 to allow harvest of pink salmon and extended until further notice on August 3 when it was determined that the coho salmon escapement would exceed objectives. The final harvest included 147 sockeye, 10,666 coho, 30,076 pink and 199 chum salmon by 5 permit holders (Appendix J3).

For the entire North Afognak/Shuyak Island management units (Northwest Afognak, Perenosa Bay, Shuyak Islands, and Northeast Afognak sections) the last landing was on September 7. Twenty permit holders harvested 157,859 salmon, including 126 Chinook, 14,648 sockeye, 24,599 coho, 115,455 pink, and 3,031 chum salmon from 52 landings (Appendix J3).

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- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik, and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Division, Juneau.
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Appendix J2.-Map showing the Afognak District of the Kodiak Management Area.

Appendix J3.-Daily salmon harvest, by species, for the North Afognak/Shuyak Island management units, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Afognak Section													
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Northwest Afognak Section													
(excluding Foul & Waterfall Bay SHAs)	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	4	4	6	135	2,011	9,496	47	331	1,892	7,594	503	4,516
	10-Jul	6	6	2	32	4,707	20,304	82	571	2,471	8,364	364	3,377
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		17	26	108	1,179	13,597	59,300	2,648	23,766	77,786	299,907	2,688	23,640
Avg. Weight					10.9		4.4		9.0		3.9		8.8

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Foul Bay Special Harvest Area													
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Pauls Bay Section													
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	16-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		5	8	0	0	147	714	10,666	100,411	30,076	119,701	199	1,625
Avg. Weight							4.9		9.4		4.0		8.2
Waterfall Bay Special Harvest Area													
Total		0	0	0	0	0	0	0	0	0	0	0	0
Shuyak Island Section													
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	4	5	0	0	1	4	5,457	46,660	823	3,099	3	26
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	4	5	1	15	0	0	1,716	12,728	69	261	0	0
Total		5	15	1	15	1	4	11,227	91,383	981	3,743	3	26
Avg. Weight					15.0		4.0		8.1		3.8		8.7
North Afognak/ Shuyak Island Mangement Plan													
Units													
Total		20	52	126	1,327	14,648	64,515	24,599	215,964	115,455	450,304	3,031	26,414
Avg. Weight					10.5		4.4		8.8		3.9		8.7

* Confidential data.

APPENDIX K. MAINLAND DISTRICT FISHERY SUMMARY

INTRODUCTION

The Mainland District in the Kodiak Management Area (Appendix K2) is covered under three separate regulatory management plans, two of which are strictly allocative plans allowing the harvest of sockeye salmon considered to be non-local. The Cape Igvak Salmon Management Plan covers the southernmost sections of the Mainland District from June 5 to July 25 and limits the harvest of sockeye salmon considered by regulation to be Chignik-bound. The North Shelikof Strait Sockeye Salmon Management Plan covers the northernmost sections of the Mainland District and, from July 6 to 25, limits the harvest of sockeye salmon due to concern for interception of Cook Inlet-bound fish. The Mainland District Salmon Management Plan, while recognizing these other plans, sets forth the key species and targeted stocks that are managed for in each section throughout the entire fishing season (5 AAC 18.369; 2005).

For the majority of the Mainland District, commercial salmon fisheries remain closed until July 6, when the general pink salmon fishery begins for most of the Kodiak Area. The exceptions are the Cape Igvak Section (managed based on the strength of the Chignik sockeye salmon through July 25) and two very limited (33-hour) fisheries in June targeting local sockeye salmon runs (Swikshak River sockeye salmon in the Big River Section, and Kafil Lake sockeye salmon in the Outer Kukak Section). From July 6 through 25, weekly fishing periods may not exceed 57 hours and fishing opportunities are to be based on the abundance of local and mixed stocks of pink and chum salmon, except in the Wide Bay Section, which must remain closed. From July 25 to the end of the season, fishing periods are based on the abundance of local pink, chum and coho salmon.

2006 Mainland District Fisheries

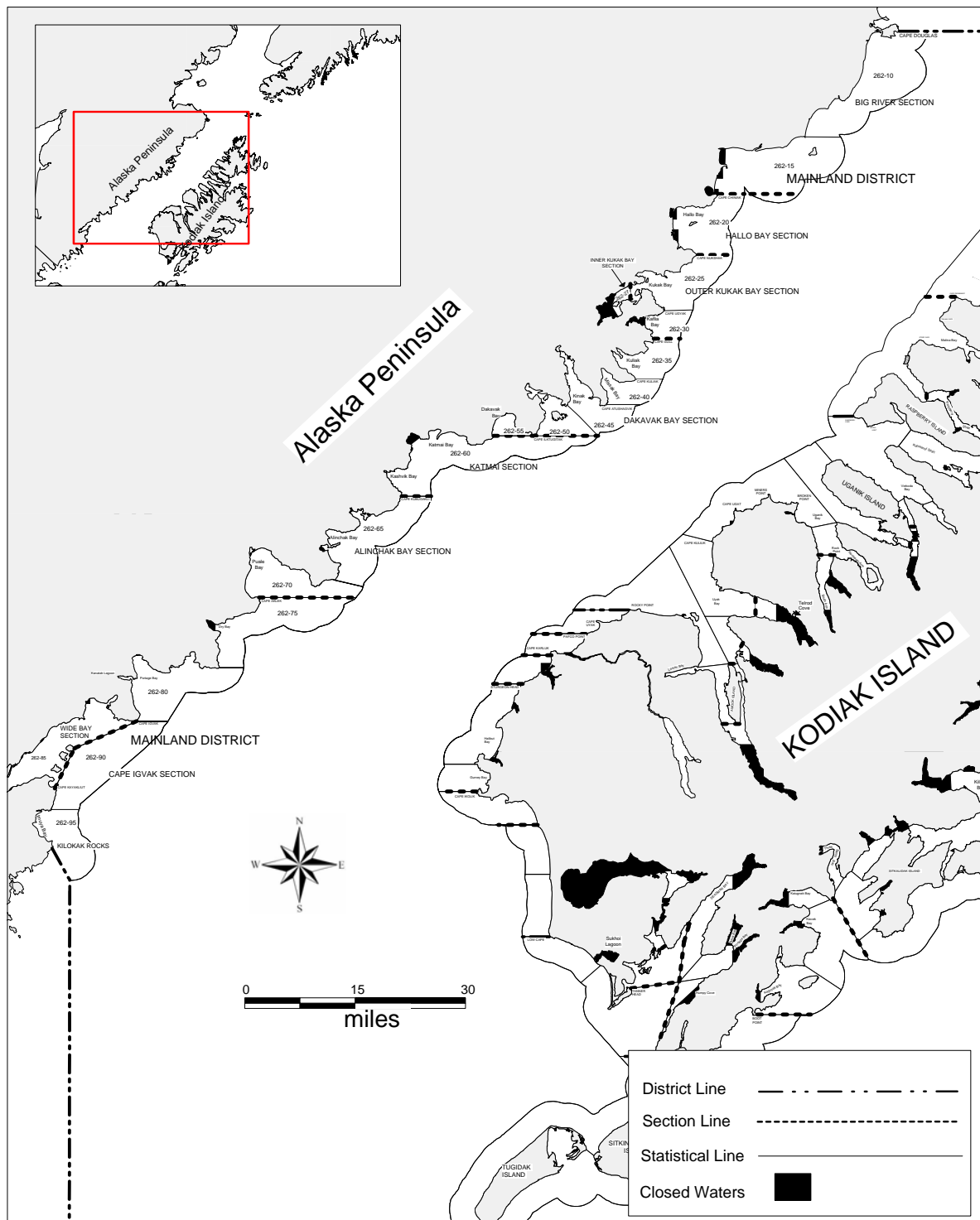
The Big River and Outer Kukak sections opened for two 33-hour commercial salmon fishing periods on June 14 and June 21. For sections north of the Cape Igvak Section, the first three weekly fishing periods (through July 20) were 57 hours long in 2006, with the seaward zones closing on July 14. These sections were reopened on June 24 for another 57-hour period. The entire district opened from July 29 to what eventually became continuous fishing. The last landing for commercial salmon from the Mainland District occurred on September 7 (Appendix K3).

The total commercial harvest from the Mainland District was 1,268,739 salmon, including 1,966 Chinook, 147,731 sockeye, 32,690 coho, 899,213 pink and 187,139 chum salmon by 55 permit holders (Appendix K3). This includes all salmon harvested along the Mainland, including those harvested under the direction of the Cape Igvak Salmon Management Plan and the North Shelikof Strait Sockeye Salmon Management Plan.

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REFERENCES CITED

ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik, and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Division, Juneau.



Appendix K2.Map showing the Mainland District identifying commercial salmon fishing sections and statistical areas.

Appendix K3.-Daily commercial salmon harvest, by species, for the Mainland District Management Plan units, 2006.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Big River Section													
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total		6	7	1	6	421	2,173 0	91	643 0	24,991	99,923	3,644	31,736
Avg. Weight					6.0		5.2		7.1		4.0		8.7
Hallo Bay Section													
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Outer Kukak Bay Section													
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		5	6	21	339	1,314	6,675 0	463	3,403 0	13,114	47,877	7,483	74,298
Avg. Weight					16.1		5.1		7.3		3.7		9.9
Inner Kukak Bay Section													
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		6	15	5	104	85	486	2,549	21,232	29,118	116,779	23,153	188,526
Avg. Weight					20.8		5.7		8.3		4.0		8.1
Dakavak Bay Section													
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	4	4	29	399	3,404	18,012	141	1,040	3,078	11,504	1,358	13,086
	14-Jul	8	9	175	2,249	5,523	30,469	544	3,506	10,887	41,096	4,218	34,294
	18-Jul	10	10	38	961	10,695	53,317	1,285	9,601	21,289	67,801	4,398	38,853

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Dakavak Bay Section (contd.)	19-Jul	7	7	17	294	8,230	44,831	1,153	8,148	13,669	52,597	3,483	29,930
	20-Jul	20	26	114	2,647	36,570	191,295	2,420	16,375	46,218	183,116	12,533	102,598
	24-Jul	10	10	19	351	2,602	13,729	916	4,933	19,519	69,700	2,548	20,096
	25-Jul	4	4	4	48	1,899	10,440	1,218	7,580	15,151	56,062	2,087	17,440
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		29	105	454	7,921	91,180	478,316 0	16,562	117,788 0	303,771	1,165,703	47,406	404,980
Avg. Weight					17.4		5.2		7.1		3.8		8.5
Katmai Section	6-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		6	6	24	413	1,473	8,072	171	1,195	29,929	113,070	7,735	69,949
Avg. Weight					17.2		5.5		7.0		3.8		9.0

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Alinchak Bay Section													
	7-Jul	5	5	57	669	2,631	15,243	123	726	2,553	9,017	1,297	10,509
	8-Jul	4	4	134	989	1,683	10,110	75	528	1,859	6,578	1,533	12,262
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	4	4	8	107	88	443	8	69	20,621	86,672	6,646	55,223
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		14	47	275	3,096	6,383	35,869	8,143	66,901	236,150	854,882	63,523	553,451
Avg. Weight					11.3		5.6		8.2		3.6		8.7
Cape Igvak Section													
	16-Jun	34	35	175	2,061	12,708	67,723	2	10	1,914	6,057	2,171	19,061
	17-Jun	33	33	143	1,731	12,900	62,688	1	4	1,920	5,652	3,292	31,199
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	14	14	315	4,457	5,648	30,005	692	4,858	52,625	173,106	6,110	52,364
	23-Jul	9	9	146	2,119	3,891	22,935	626	4,342	47,187	160,163	5,563	49,680
	24-Jul	8	9	183	2,923	4,643	23,233	707	4,963	58,000	181,675	6,463	58,188
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total		46	110	1,185	16,214	46,762	242,711	3,575	25,245	224,858	744,903	31,902	286,086
Avg. Weight					13.7		5.2		7.1		3.3		9.0

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Wide Bay Section													
	7/29	*	*	*	*	*	*	*	*	*	*	*	*
	7/31	*	*	*	*	*	*	*	*	*	*	*	*
	9/7	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Mainland District Total													
Total		55	302	1,966	28,113	147,731	774,863	32,690	245,902	899,213	3,266,681	187,139	1,629,869
Avg. Weight					14.3		5.2		7.5		3.6		8.7

*Confidential data.

APPENDIX L. AREA WIDE HARVEST TABLES

Appendix L1.-Commercial salmon harvest, by management unit and statistical week, all gear combined, in the Kodiak Management Area, 2006.

Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
S.W.Afognak & Raspberry Straits (Combined) (251-10,11,20)	24	13-Jun	26	130	5.0	536	2,594	4.8	0	0	0.0	3	17	5.7	55	636	11.6
	25	20-Jun	74	549	7.4	7,820	38,076	4.9	0	0	0.0	519	1,867	3.6	1,021	9,680	9.5
	26	27-Jun	944	5,479	5.8	2,770	13,579	4.9	14	101	7.2	732	2,348	3.2	1,634	13,403	8.2
	27	4-Jul	2,134	15,999	7.5	7,348	34,443	4.7	173	1,165	6.7	6,037	20,388	3.4	5,435	42,476	7.8
	28	11-Jul	578	4,721	8.2	10,783	51,753	4.8	675	4,727	7.0	28,708	103,310	3.6	5,867	50,687	8.6
	29	18-Jul	1,226	7,322	6.0	12,618	61,113	4.8	1,915	14,063	7.3	77,647	299,092	3.9	7,981	64,314	8.1
	30	25-Jul	85	953	11.2	1,212	6,451	5.3	1,057	7,747	7.3	48,844	186,930	3.8	1,449	12,509	8.6
	31	1-Aug	307	3,412	11.1	4,752	23,658	5.0	1,418	10,126	7.1	106,713	421,933	4.0	3,051	24,936	8.2
	32	8-Aug	130	1,444	11.1	6,311	32,639	5.2	2,220	16,208	7.3	171,838	654,996	3.8	2,853	22,874	8.0
	33	15-Aug	51	515	10.1	2,252	11,884	5.3	3,568	23,999	6.7	137,427	526,123	3.8	3,113	27,614	8.9
	34	22-Aug	40	531	13.3	604	3,219	5.3	866	8,414	9.7	31,901	121,208	3.8	147	1,272	8.7
	35	29-Aug	4	69	17.3	307	1,550	5.0	1,064	9,377	8.8	11,678	45,616	3.9	68	573	8.4
	38	19-Sep	0	0	0.0	0	0	0.0	281	2,678	9.5	0	0	0.0	0	0	0.0
Total			5,599	41,124	7.3	57,313	280,959	4.9	13,251	98,605	7.4	622,047	2,383,828	3.8	32,674	270,974	8.3
N.W.Afognak (251-30,40,41,50)	25	20-Jun	2	22	11.0	721	2,527	3.5	0	0	0.0	0	0	0.0	35	267	7.6
	26	27-Jun	45	217	4.8	1,017	4,081	4.0	0	0	0.0	11	50	4.5	18	189	10.5
	27	4-Jul	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
	28	11-Jul	32	322	10.1	9,936	45,173	4.5	152	1,078	7.1	5,395	19,353	3.6	1,017	9,117	9.0
	29	18-Jul	16	200	12.5	2,038	7,741	3.8	66	330	5.0	7,429	25,887	3.5	463	4,167	9.0
	32	8-Aug	28	525	18.8	317	1,787	5.6	241	2,024	8.4	26,946	87,351	3.2	642	5,830	9.1
	33	15-Aug	0	0	0.0	217	1,116	5.1	321	3,364	10.5	15,269	69,079	4.5	64	657	10.3
	34	22-Aug	1	10	10.0	170	971	5.7	257	2,035	7.9	22,906	98,167	4.3	129	1,083	8.4
	36	5-Sep	0	0	0.0	0	0	0.0	382	3,820	10.0	355	1,385	3.9	5	41	8.2
	37	12-Sep	0	0	0.0	0	0	0.0	1,244	11,192	9.0	0	0	0.0	407	3,052	7.5
Total			124	1,296	10.5	14,416	63,396	4.4	2,663	23,843	9.0	78,311	301,272	3.8	2,780	24,403	8.8
Shuyak (251-60,70,81)	34	22-Aug	0	0	0.0	0	0	0.0	1,832	13,548	7.4	0	0	0.0	0	0	0.0
	35	29-Aug	1	15	15.0	1	4	4.0	9,395	77,835	8.3	981	3,743	3.8	3	26	8.7
	Total		1	15	15.0	1	4	4.0	11,227	91,383	8.1	981	3,743	3.8	3	26	8.7
Perenosia (251-82,83,84,85)	33	15-Aug	0	0	0.0	68	305	4.5	3,425	29,624	8.6	11,564	45,595	3.9	44	344	7.8
	34	22-Aug	0	0	0.0	79	409	5.2	7,094	69,169	9.8	18,336	73,490	4.0	155	1,281	8.3
	35	29-Aug	0	0	0.0	0	0	0.0	147	1,618	11.0	176	616	3.5	0	0	0.0
	Total		0	0	0.0	147	714	4.9	10,666	100,411	9.4	30,076	119,701	4.0	199	1,625	8.2

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
N.E.Afognak (251-90,252-10,20)	32	8-Aug	0	0	0.0	77	369	4.8	36	246	6.8	2,455	10,335	4.2	43	322	7.5
	33	15-Aug	1	16	16.0	7	32	4.6	7	81	11.6	3,632	15,253	4.2	6	44	7.3
	Total		1	16	16.0	84	401	4.8	43	327	7.6	6,087	25,588	4.2	49	366	7.5
Izhut (252-30)	23	6-Jun	0	0	0.0	67	369	5.5	0	0	0.0	8	28	3.5	39	443	11.4
	24	13-Jun	3	35	11.7	2	8	4.0	0	0	0.0	0	0	0.0	1,154	13,906	12.1
	25	20-Jun	37	485	13.1	582	2,742	4.7	2	11	5.5	384	980	2.6	23,582	198,262	8.4
	26	27-Jun	151	1,042	6.9	1,828	8,207	4.5	21	159	7.6	508	1,174	2.3	49,592	411,226	8.3
	27	4-Jul	45	430	9.6	786	3,232	4.1	50	315	6.3	444	1,453	3.3	17,668	148,478	8.4
	30	25-Jul	0	0	0.0	115	565	4.9	14	118	8.4	2,378	7,699	3.2	99	853	8.6
	31	1-Aug	0	0	0.0	20	92	4.6	29	210	7.2	3,211	11,310	3.5	35	214	6.1
	34	22-Aug	0	0	0.0	238	1,295	5.4	16,730	139,031	8.3	139,544	526,251	3.8	95	714	7.5
	35	29-Aug	3	35	11.7	191	980	5.1	17,626	148,966	8.5	191,851	731,219	3.8	27	180	6.7
	36	5-Sep	0	0	0.0	34	211	6.2	6,981	54,822	7.9	63,452	245,434	3.9	2	17	8.5
	37	12-Sep	0	0	0.0	7	43	6.1	1,330	10,402	7.8	2,099	6,850	3.3	0	0	0.0
	Total		239	2,027	8.5	3,870	17,744	4.6	42,783	354,034	8.3	403,879	1,532,398	3.8	92,293	774,293	8.4
Kitoi Bay (252-32)	23	6-Jun	5	43	8.6	0	0	0.0	0	0	0.0	0	0	0.0	81	655	8.1
	24	13-Jun	6	80	13.3	303	1,226	4.0	0	0	0.0	12	39	3.3	1,981	16,463	8.3
	25	20-Jun	9	117	13.0	163	717	4.4	1	9	9.0	79	169	2.1	8,787	72,341	8.2
	26	27-Jun	0	0	0.0	68	282	4.1	4	21	5.3	2	9	4.5	3,232	27,341	8.5
	31	1-Aug	0	0	0.0	802	3,690	4.6	10	89	8.9	35,535	137,264	3.9	1,681	8,404	5.0
	32	8-Aug	0	0	0.0	605	3,026	5.0	0	0	0.0	777,308	3,118,706	4.0	529	2,751	5.2
	33	15-Aug	0	0	0.0	0	0	0.0	0	0	0.0	1,023,693	3,986,049	3.9	0	0	0.0
	34	22-Aug	0	0	0.0	21	115	5.5	1,899	15,308	8.1	443,098	1,747,416	3.9	5	44	8.8
	35	29-Aug	0	0	0.0	72	385	5.3	19,239	149,442	7.8	280,348	1,049,752	3.7	408	3,279	8.0
	36	5-Sep	1	9	9.0	1,045	8,203	7.8	41,135	316,030	7.7	295,304	1,155,200	3.9	1,010	9,087	9.0
	37	12-Sep	0	0	0.0	0	0	0.0	681	6,356	9.3	4,576	14,662	3.2	2	14	7.0
	38	19-Sep	0	0	0.0	0	0	0.0	4,107	30,893	7.5	7,802	33,310	4.3	0	0	0.0
	39	26-Sep	0	0	0.0	0	0	0.0	11,021	86,002	7.8	31,275	109,463	3.5	0	0	0.0
	Total		21	249	11.9	3,079	17,644	5.7	78,097	604,150	7.7	2,899,032	11,352,039	3.9	17,716	140,379	7.9
Duck Bay (252-31,35)	23	6-Jun	93	1,137	12.2	560	2,919	5.2	1	4	4.0	94	272	2.9	534	5,098	9.5
	24	13-Jun	7	125	17.9	766	3,419	4.5	0	0	0.0	172	344	2.0	949	10,144	10.7
	25	20-Jun	57	637	11.2	2,327	11,130	4.8	11	87	7.9	1,722	4,379	2.5	6,375	53,807	8.4
	26	27-Jun	131	1,009	7.7	1,810	8,234	4.5	62	378	6.1	1,236	3,553	2.9	14,271	112,462	7.9
	27	4-Jul	161	1,099	6.8	3,105	14,613	4.7	498	3,149	6.3	2,171	6,989	3.2	22,130	165,431	7.5
	28	11-Jul	23	375	16.3	1,400	6,302	4.5	1,045	7,060	6.8	2,281	7,206	3.2	16,509	136,866	8.3
	29	18-Jul	11	122	11.1	1,756	9,938	5.7	678	4,350	6.4	27,065	101,269	3.7	2,206	16,323	7.4

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Section (Stat Area)	Stat Week/ WeekEnd	Chinook			Sockeye			Coho			Pink			Chum		
		No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Duck Bay (252-31,35) contd.	30 25-Jul	28	248	8.9	2,511	12,965	5.2	6,902	35,706	5.2	80,418	294,990	3.7	2,123	17,687	8.3
	31 1-Aug	17	262	15.4	573	2,776	4.8	756	5,280	7.0	39,836	167,287	4.2	780	6,681	8.6
	33 15-Aug	0	0	0.0	5	39	7.8	9	70	7.8	861	3,701	4.3	8	65	8.1
	34 22-Aug	9	134	14.9	900	4,441	4.9	17,441	153,307	8.8	304,376	1,220,019	4.0	142	1,160	8.2
	35 29-Aug	3	77	25.7	998	5,259	5.3	15,882	134,149	8.4	353,541	1,362,026	3.9	661	4,868	7.4
	36 5-Sep	0	0	0.0	127	635	5.0	3,375	25,946	7.7	39,066	162,683	4.2	849	3,827	4.5
	37 12-Sep	0	0	0.0	35	181	5.2	665	6,214	9.3	2,359	10,077	4.3	2	16	8.0
Total		540	5,225	9.7	16,873	82,851	4.9	47,325	375,700	7.9	855,198	3,344,795	3.9	67,539	534,435	7.9
S.E.Afognak (252-33,34)	33 15-Aug	0	0	0.0	77	336	4.4	326	2,622	8.0	27,774	102,217	3.7	30	232	7.7
	34 22-Aug	1	40	40.0	82	486	5.9	573	5,011	8.7	25,173	95,527	3.8	38	269	7.1
	35 29-Aug	0	0	0.0	41	210	5.1	510	4,452	8.7	11,349	46,155	4.1	4	28	7.0
	Total	1	40	40.0	200	1,032	5.2	1,409	12,085	8.6	64,296	243,899	3.8	72	529	7.3
Central, Terror Bay, Inner Uganik, Spiridon, Zachar, & Uyak comb. (253-11,12,13,14,31 32,33,35,254-10,20, 30,40,50)	23 6-Jun	1,064	10,327	9.7	43,758	226,146	5.2	2	12	6.0	16	64	4.0	594	4,586	7.7
	24 13-Jun	541	6,038	11.2	118,830	582,887	4.9	1	6	6.0	355	1,236	3.5	3,959	32,602	8.2
	25 20-Jun	648	6,939	10.7	60,716	310,031	5.1	19	160	8.4	540	1,920	3.6	7,563	64,248	8.5
	26 27-Jun	1,777	14,743	8.3	75,629	384,890	5.1	92	575	6.3	5,053	18,211	3.6	22,399	192,953	8.6
	27 4-Jul	1,163	9,599	8.3	67,867	338,756	5.0	1,054	7,068	6.7	18,030	67,486	3.7	23,209	207,316	8.9
	28 11-Jul	308	3,284	10.7	79,112	400,463	5.1	1,181	8,384	7.1	77,480	293,852	3.8	36,244	339,353	9.4
	29 18-Jul	780	6,987	9.0	64,809	334,152	5.2	2,632	19,889	7.6	387,011	1,487,232	3.8	52,144	470,240	9.0
	30 25-Jul	537	5,626	10.5	48,896	255,937	5.2	5,169	41,961	8.1	798,430	3,217,830	4.0	45,963	420,174	9.1
	31 1-Aug	438	5,290	12.1	69,924	357,724	5.1	4,730	36,860	7.8	2,356,767	9,130,018	3.9	46,134	388,902	8.4
	32 8-Aug	988	13,781	13.9	83,387	445,475	5.3	21,894	155,872	7.1	4,371,859	16,271,247	3.7	40,650	326,851	8.0
	33 15-Aug	202	3,528	17.5	72,526	386,525	5.3	20,345	157,776	7.8	4,796,213	17,408,149	3.6	15,956	129,084	8.1
	34 22-Aug	208	3,258	15.7	48,442	260,452	5.4	28,835	231,588	8.0	2,480,984	9,288,145	3.7	8,725	70,640	8.1
	35 29-Aug	73	1,084	14.8	46,450	245,855	5.3	26,439	230,574	8.7	832,038	3,122,356	3.8	2,717	22,345	8.2
	36 5-Sep	86	951	11.1	17,411	88,463	5.1	25,413	241,111	9.5	157,489	602,706	3.8	1,339	10,364	7.7
	37 12-Sep	18	212	11.8	5,445	28,080	5.2	6,596	62,810	9.5	27,602	104,231	3.8	197	1,397	7.1
	38 19-Sep	3	25	8.3	4,075	20,799	5.1	2,681	24,499	9.1	232	968	4.2	49	326	6.7
	40 3-Oct	0	0	0.0	97	488	5.0	5	44	8.8	198	752	3.8	2	14	7.0
Total		8,834	91,672	10.4	907,374	4,667,123	5.1	147,088	1,219,189	8.3	16,310,297	61,016,403	3.7	307,844	2,681,395	8.7
North Cape, Anton Larsen, Sheratin, & Kizhuyak combined. (259-35,36,37,38,39)	23 6-Jun	129	2,051	15.9	2,919	15,921	5.5	0	0	0.0	10	36	3.6	73	699	9.6
	24 13-Jun	36	601	16.7	5,852	30,362	5.2	2	35	17.5	2,206	5,223	2.4	2,007	20,066	10.0
	25 20-Jun	34	605	17.8	3,402	17,887	5.3	12	74	6.2	1,755	5,226	3.0	1,177	13,045	11.1
	26 27-Jun	85	1,087	12.8	6,124	30,954	5.1	133	734	5.5	2,670	9,113	3.4	2,963	24,012	8.1
	27 4-Jul	36	584	16.2	2,337	11,926	5.1	116	696	6.0	1,996	8,048	4.0	710	4,969	7.0

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
North Cape, Anton Larsen, Sheratin, & Kizhuyak combined. (contd.)	28	11-Jul	74	771	10.4	3,088	15,196	4.9	798	4,926	6.2	5,833	20,590	3.5	1,753	13,069	7.5
	29	18-Jul	17	305	17.9	2,105	10,780	5.1	521	3,164	6.1	22,155	87,575	4.0	4,390	28,222	6.4
	30	25-Jul	11	143	13.0	3,159	16,119	5.1	1,316	8,666	6.6	127,457	506,234	4.0	9,121	67,972	7.5
	31	1-Aug	18	280	15.6	990	5,081	5.1	400	2,630	6.6	50,020	206,729	4.1	3,542	24,673	7.0
	32	8-Aug	40	701	17.5	3,142	16,045	5.1	2,963	21,328	7.2	212,561	853,563	4.0	9,653	71,556	7.4
	33	15-Aug	4	86	21.5	885	4,742	5.4	1,545	10,678	6.9	67,324	278,900	4.1	3,841	26,228	6.8
	34	22-Aug	3	52	17.3	502	2,697	5.4	2,403	19,786	8.2	51,219	205,007	4.0	2,910	22,517	7.7
	36	5-Sep	0	0	0.0	14	86	6.1	409	4,008	9.8	91	342	3.8	2,350	16,947	7.2
	37	12-Sep	0	0	0.0	0	0	0.0	486	3,520	7.2	61	250	4.1	1,008	7,497	7.4
	38	19-Sep	0	0	0.0	0	0	0.0	82	658	8.0	0	0	0.0	0	0	0.0
	Total		487	7,266	14.9	34,519	177,796	5.2	11,186	80,903	7.2	545,358	2,186,836	4.0	45,498	341,472	7.5
Outer Karluk (255-20)	23	6-Jun	193	2,672	13.8	14,516	71,233	4.9	0	0	0.0	1	3	3.0	224	1,674	7.5
	24	13-Jun	31	480	15.5	8,008	33,492	4.2	0	0	0.0	31	74	2.4	250	2,036	8.1
	25	20-Jun	61	956	15.7	19,963	85,797	4.3	5	40	8.0	227	644	2.8	1,822	14,764	8.1
	26	27-Jun	84	1,013	12.1	18,724	87,485	4.7	0	0	0.0	336	1,098	3.3	2,008	17,139	8.5
	27	4-Jul	293	2,069	7.1	6,643	29,628	4.5	36	226	6.3	2,388	7,072	3.0	1,920	17,796	9.3
	28	11-Jul	8	80	10.0	5,177	24,607	4.8	44	292	6.6	5,541	15,788	2.8	606	5,987	9.9
	29	18-Jul	2	76	38.0	843	4,097	4.9	18	143	7.9	7,027	24,901	3.5	1,022	9,199	9.0
	30	25-Jul	16	242	15.1	4,615	22,086	4.8	177	1,388	7.8	34,461	139,635	4.1	672	6,634	9.9
	31	1-Aug	9	131	14.6	881	4,402	5.0	190	1,327	7.0	23,550	75,688	3.2	409	3,687	9.0
	32	8-Aug	65	993	15.3	12,215	67,549	5.5	2,068	15,498	7.5	408,431	1,387,739	3.4	1,126	9,538	8.5
	33	15-Aug	26	394	15.2	15,329	79,388	5.2	12,753	53,952	4.2	885,415	3,041,106	3.4	1,350	11,085	8.2
	34	22-Aug	6	112	18.7	11,879	67,177	5.7	2,781	21,066	7.6	409,186	1,518,196	3.7	506	4,186	8.3
	35	29-Aug	15	343	22.9	18,534	97,686	5.3	9,359	73,397	7.8	112,195	383,183	3.4	293	2,286	7.8
	36	5-Sep	74	955	12.9	29,680	158,143	5.3	7,537	67,920	9.0	128,029	413,339	3.2	424	3,534	8.3
	38	19-Sep	0	0	0.0	310	1,826	5.9	31	318	10.3	0	0	0.0	0	0	0.0
	39	26-Sep	0	0	0.0	1,048	5,249	5.0	73	589	8.1	0	0	0.0	6	59	9.8
	Total		883	10,516	11.9	168,365	839,845	5.0	35,072	236,156	6.7	2,016,818	7,008,466	3.5	12,638	109,604	8.7
Inner Karluk (255-10)	26	27-Jun	24	355	14.8	1,588	7,515	4.7	0	0	0.0	24	74	3.1	470	3,736	7.9
	27	4-Jul	167	1,822	10.9	13,824	62,383	4.5	28	195	7.0	1,896	5,885	3.1	2,078	20,296	9.8
	28	11-Jul	39	450	11.5	4,885	23,037	4.7	60	450	7.5	3,190	9,322	2.9	892	7,965	8.9
	38	19-Sep	1	11	11.0	2,574	12,866	5.0	111	1,043	9.4	0	0	0.0	2	16	8.0
	39	26-Sep	0	0	0.0	1,091	5,684	5.2	145	1,161	8.0	0	0	0.0	4	32	8.0
	Total		231	2,638	11.4	23,962	111,485	4.7	344	2,849	8.3	5,110	15,281	3.0	3,446	32,045	9.3

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Sturgeon (256-40)	32	8-Aug	12	127	10.6	1,292	6,873	5.3	86	720	8.4	23,490	81,063	3.5	48	440	9.2
	33	15-Aug	6	104	17.3	2,911	14,054	4.8	540	4,070	7.5	73,262	279,774	3.8	119	1,080	9.1
	34	22-Aug	4	70	17.5	4,674	28,968	6.2	814	6,191	7.6	149,420	549,028	3.7	137	1,129	8.2
	35	29-Aug	0	0	0.0	274	1,305	4.8	189	1,579	8.4	15,974	54,634	3.4	28	222	7.9
	36	5-Sep	6	92	15.3	3,783	20,982	5.5	2,146	18,479	8.6	18,311	52,201	2.9	641	5,116	8.0
	Total		28	393	14.0	12,934	72,182	5.6	3,775	31,039	8.2	280,457	1,016,700	3.6	973	7,987	8.2
Halibut Bay (256-25,30)	34	22-Aug	67	1,337	20.0	13,957	71,653	5.1	4,651	37,322	8.0	168,330	619,463	3.7	222	1,688	7.6
	35	29-Aug	7	147	21.0	1,226	5,736	4.7	435	3,602	8.3	3,523	13,742	3.9	15	105	7.0
	Total		74	1,484	20.1	15,183	77,389	5.1	5,086	40,924	8.0	171,853	633,205	3.7	237	1,793	7.6
Inner & Outer Ayakulik (256-10,15,20)	34	22-Aug	4	87	21.8	14,330	70,506	4.9	8,121	63,168	7.8	236,417	825,863	3.5	101	719	7.1
	35	29-Aug	0	0	0.0	2,183	11,038	5.1	8,971	71,634	8.0	43,783	160,956	3.7	1	6	6.0
	36	5-Sep	0	0	0.0	583	3,019	5.2	5,916	43,393	7.3	2,674	9,586	3.6	1	8	8.0
	37	12-Sep	0	0	0.0	46	239	5.2	11,973	96,158	8.0	0	0	0.0	0	0	0.0
	38	19-Sep	0	0	0.0	0	0	0.0	829	7,465	9.0	77	336	4.4	0	0	0.0
	Total		4	87	21.8	17,142	84,802	4.9	35,810	281,818	7.9	282,951	996,741	3.5	103	733	7.1
Caoe Alitak (257-10&20)	24	13-Jun	0	0	0.0	418	2,005	4.8	0	0	0.0	0	0	0.0	10	129	12.9
	31	1-Aug	16	327	20.4	1,363	5,648	4.1	37	259	7.0	32,890	105,832	3.2	7,565	57,953	7.7
	32	8-Aug	5	25	5.0	227	1,168	5.1	1	7	7.0	63,129	220,799	3.5	1,649	11,627	7.1
	34	22-Aug	1	26	26.0	812	4,072	5.0	60	486	8.1	5,255	26,272	5.0	89	831	9.3
	35	29-Aug	4	66	16.5	3,763	19,173	5.1	484	3,618	7.5	25,347	95,845	3.8	530	4,335	8.2
	36	5-Sep	0	0	0.0	0	0	0.0	0	0	0.0	1,177	5,061	4.3	85	598	7.0
	Total		26	444	17.1	6,583	32,066	4.9	582	4,370	7.5	127,798	453,809	3.6	9,928	75,473	7.6
Moser/Olga Bay & Dog Salmon Flats (257-30,31,40,41,42,43)	24	13-Jun	2	33	16.5	7,731	38,708	5.0	0	0	0.0	0	0	0.0	39	387	9.9
	31	1-Aug	0	0	0.0	10,220	53,954	5.3	32	232	7.3	18,431	67,764	3.7	480	4,011	8.4
	32	8-Aug	0	0	0.0	12,288	65,084	5.3	70	514	7.3	57,761	210,412	3.6	456	3,789	8.3
	34	22-Aug	0	0	0.0	9,167	48,613	5.3	334	2,821	8.4	24,717	91,634	3.7	263	2,182	8.3
	35	29-Aug	1	5	5.0	11,157	59,975	5.4	798	6,856	8.6	19,946	77,098	3.9	307	2,688	8.8
	36	5-Sep	0	0	0.0	10,761	57,173	5.3	1,025	9,197	9.0	7,630	29,211	3.8	400	3,356	8.4
	37	12-Sep	1	19	19.0	3,998	22,151	5.5	538	5,073	9.4	852	3,111	3.7	191	1,524	8.0
	Total		4	57	14.3	65,322	345,658	5.3	2,797	24,693	8.8	129,337	479,230	3.7	2,136	17,937	8.4

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Humpty/Deadman (257-50,60,70)	30	25-Jul	1	26	26.0	1,464	6,915	4.7	10	83	8.3	62,522	196,882	3.1	1,217	10,035	8.2
	31	1-Aug	5	100	20.0	1,902	9,875	5.2	33	251	7.6	359,852	1,231,687	3.4	1,074	8,557	8.0
	32	8-Aug	14	236	16.9	2,470	11,880	4.8	42	325	7.7	762,218	2,595,526	3.4	10,331	80,734	7.8
	33	15-Aug	5	98	19.6	5,636	31,483	5.6	58	501	8.6	982,709	3,234,146	3.3	4,971	36,975	7.4
	34	22-Aug	0	0	0.0	2,794	11,836	4.2	846	6,991	8.3	420,297	1,479,038	3.5	3,774	30,288	8.0
	35	29-Aug	0	0	0.0	115	649	5.6	67	581	8.7	28,051	98,124	3.5	11,332	90,495	8.0
	36	5-Sep	0	0	0.0	0	0	0.0	14	100	7.1	186	653	3.5	2,141	17,175	8.0
Total			25	460	18.4	14,381	72,638	5.1	1,070	8,832	8.3	2,615,835	8,836,056	3.4	34,840	274,259	7.9
Seven Rivers (258-70,80,83,85,90)	26	27-Jun	13	444	34.2	4,413	18,085	4.1	7	37	5.3	3,730	11,779	3.2	1,399	12,841	9.2
	28	11-Jul	76	1,103	14.5	9,564	43,856	4.6	2,802	18,758	6.7	27,945	89,981	3.2	20,888	153,959	7.4
	29	18-Jul	31	254	8.2	3,882	20,246	5.2	1,609	10,438	6.5	26,634	90,922	3.4	9,016	56,631	6.3
	30	25-Jul	0	0	0.0	816	4,530	5.6	296	1,971	6.7	3,679	15,156	4.1	380	3,135	8.3
	33	15-Aug	0	0	0.0	0	0	0.0	0	0	0.0	12,226	42,787	3.5	0	0	0.0
	34	22-Aug	0	0	0.0	4	17	4.3	1	8	8.0	31,686	105,112	3.3	5	38	7.6
Total			120	1,801	15.0	18,679	86,734	4.6	4,715	31,212	6.6	105,900	355,737	3.4	31,688	226,604	7.2
Two-Headed (258-54,55,60)	25	20-Jun	2	40	20.0	307	1,519	4.9	1	5	5.0	53	168	3.2	243	2,344	9.6
	26	27-Jun	0	0	0.0	553	2,162	3.9	0	0	0.0	130	457	3.5	235	2,458	10.5
	28	11-Jul	10	333	33.3	2,533	12,687	5.0	112	585	5.2	3,169	9,539	3.0	1,999	15,157	7.6
	29	18-Jul	24	387	16.1	4,849	24,271	5.0	568	3,638	6.4	11,250	33,820	3.0	2,879	22,099	7.7
	30	25-Jul	1	14	14.0	534	2,974	5.6	33	238	7.2	14,389	52,777	3.7	1,280	12,119	9.5
	32	8-Aug	0	0	0.0	397	1,928	4.9	24	189	7.9	79,842	281,661	3.5	4,828	42,532	8.8
	33	15-Aug	1	18	18.0	62	312	5.0	10	67	6.7	30,982	109,706	3.5	1,750	15,928	9.1
	34	22-Aug	0	0	0.0	29	147	5.1	80	572	7.2	37,565	147,517	3.9	1,080	8,613	8.0
Total			38	792	20.8	9,264	46,000	5.0	828	5,294	6.4	177,380	635,645	3.6	14,294	121,250	8.5
Sitkalidak (258-10,20,30,40,51, 52,53)	25	20-Jun	21	374	17.8	2,711	13,419	4.9	3	16	5.3	383	999	2.6	201	1,642	8.2
	26	27-Jun	364	5,578	15.3	2,821	12,986	4.6	33	188	5.7	221	584	2.6	498	4,122	8.3
	28	11-Jul	187	2,775	14.8	5,814	29,090	5.0	2,209	13,618	6.2	8,169	25,282	3.1	11,647	91,427	7.8
	29	18-Jul	63	940	14.9	15,211	76,884	5.1	4,812	29,033	6.0	60,824	202,158	3.3	24,387	194,446	8.0
	30	25-Jul	20	382	19.1	7,649	36,307	4.7	8,224	29,321	3.6	332,824	1,100,357	3.3	33,144	271,138	8.2
	31	1-Aug	3	37	12.3	354	1,888	5.3	24	186	7.8	496,343	1,710,355	3.4	9,177	78,632	8.6
	32	8-Aug	1	6	6.0	2,721	14,623	5.4	195	1,504	7.7	818,072	3,005,665	3.7	18,705	165,669	8.9
	33	15-Aug	0	0	0.0	1,418	7,678	5.4	613	4,744	7.7	665,434	2,407,599	3.6	15,414	127,451	8.3
	34	22-Aug	0	0	0.0	971	4,635	4.8	8,021	42,104	5.2	239,719	952,793	4.0	10,816	89,399	8.3
	35	29-Aug	0	0	0.0	353	1,588	4.5	2,602	21,465	8.2	59,337	209,801	3.5	14,058	114,386	8.1
	36	5-Sep	0	0	0.0	84	486	5.8	3,084	26,425	8.6	12,968	45,730	3.5	14,268	119,688	8.4
	37	12-Sep	0	0	0.0	244	1,224	5.0	4,601	38,871	8.4	91	364	4.0	4,536	35,626	8.2
Total			659	10,092	15.3	40,351	200,808	5.0	34,261	205,875	6.0	2,694,385	9,661,687	3.6	156,051	1,288,626	8.3

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Inner & Outer Ugak (259-40,41,42)	26	27-Jun	16	285	17.8	66	403	6.1	0	0	0.0	0	0	0.0	3	30	10.0
	28	11-Jul	183	2,192	12.0	1,497	7,479	5.0	100	606	6.1	586	2,152	3.7	980	7,352	7.5
	29	18-Jul	78	741	9.5	2,854	14,466	5.1	18	106	5.9	2,212	7,681	3.5	4,215	36,250	8.6
	30	25-Jul	0	0	0.0	384	2,037	5.3	0	0	0.0	714	2,575	3.6	824	6,670	8.1
	31	1-Aug	0	0	0.0	18	88	4.9	0	0	0.0	3,789	11,367	3.0	4,358	39,325	9.0
	32	8-Aug	0	0	0.0	29	161	5.6	0	0	0.0	17,272	77,720	4.5	4,891	44,018	9.0
	33	15-Aug	0	0	0.0	520	2,822	5.4	106	1,035	9.8	137,201	545,590	4.0	9,874	91,705	9.3
	34	22-Aug	0	0	0.0	234	1,263	5.4	188	1,667	8.9	80,877	335,437	4.1	3,155	28,713	9.1
	35	29-Aug	0	0	0.0	47	263	5.6	324	2,121	6.5	7,479	33,890	4.5	12,952	116,595	9.0
	36	5-Sep	0	0	0.0	0	0	0.0	245	2,244	9.2	86	337	3.9	644	4,881	7.6
	37	12-Sep	0	0	0.0	0	0	0.0	8,386	76,333	9.1	0	0	0.0	922	6,963	7.6
	38	19-Sep	0	0	0.0	0	0	0.0	2,954	27,256	9.2	0	0	0.0	244	1,647	6.8
	Total		277	3,218	11.6	5,649	28,982	5.1	12,321	111,368	9.0	250,216	1,016,749	4.1	43,062	384,149	8.9
Outer Chiniak (259-21,25)	28	11-Jul	0	0	0.0	10	42	4.2	5	30	6.0	29	103	3.6	34	305	9.0
	29	18-Jul	0	0	0.0	0	0	0.0	0	0	0.0	25	121	4.8	1	6	6.0
	36	5-Sep	0	0	0.0	0	0	0.0	703	5,896	8.4	0	0	0.0	0	0	0.0
	37	12-Sep	0	0	0.0	0	0	0.0	828	5,713	6.9	0	0	0.0	43	194	4.5
	Total		0	0	0.0	10	42	4.2	1,536	11,639	7.6	54	224	4.1	78	505	6.5
Inner Chiniak (259-23,24)	30	25-Jul	0	0	0.0	0	0	0.0	0	0	0.0	165	594	3.6	103	864	8.4
	31	1-Aug	0	0	0.0	112	596	5.3	62	450	7.3	11,472	51,043	4.4	915	7,698	8.4
	32	8-Aug	0	0	0.0	0	0	0.0	4	28	7.0	7,964	32,956	4.1	216	1,898	8.8
	33	15-Aug	0	0	0.0	0	0	0.0	0	0	0.0	6,805	30,626	4.5	2,796	25,174	9.0
	34	22-Aug	0	0	0.0	22	119	5.4	107	831	7.8	14,071	62,405	4.4	4,028	36,487	9.1
	36	5-Sep	0	0	0.0	0	0	0.0	1,534	13,891	9.1	197	717	3.6	934	7,476	8.0
	37	12-Sep	0	0	0.0	0	0	0.0	743	6,748	9.1	0	0	0.0	41	349	8.5
	38	19-Sep	0	0	0.0	0	0	0.0	1,522	13,040	8.6	0	0	0.0	29	209	7.2
	39	26-Sep	0	0	0.0	0	0	0.0	527	4,616	8.8	0	0	0.0	0	0	0.0
	Total		0	0	0.0	134	715	5.3	4,499	39,604	8.8	40,674	178,341	4.4	9,062	80,155	8.8
Buskin (259-22)	29	18-Jul	1	24	24.0	4	23	5.8	0	0	0.0	1,046	4,781	4.6	1,571	17,497	11.1
	30	25-Jul	0	0	0.0	0	0	0.0	0	0	0.0	384	1,385	3.6	239	2,015	8.4
	31	1-Aug	1	29	29.0	0	0	0.0	0	0	0.0	7,251	23,465	3.2	3,736	28,360	7.6
	32	8-Aug	0	0	0.0	2	10	5.0	0	0	0.0	9,625	33,567	3.5	2,895	23,305	8.1
	33	15-Aug	0	0	0.0	0	0	0.0	0	0	0.0	1,558	5,548	3.6	34	273	8.0
	36	5-Sep	0	0	0.0	0	0	0.0	763	7,500	9.8	0	0	0.0	245	2,174	8.9
	Total		2	53	26.5	6	33	5.5	763	7,500	9.8	19,864	68,746	3.5	8,720	73,624	8.4

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Monashka/Mill Bay (259-10)	32	8-Aug	0	0	0.0	6	30	5.0	44	297	6.8	14,118	63,531	4.5	10	61	6.1
	33	15-Aug	0	0	0.0	6	24	4.0	4,184	17,591	4.2	7,606	33,519	4.4	6	81	13.5
	34	22-Aug	0	0	0.0	42	202	4.8	271	2,366	8.7	25,405	103,951	4.1	56	420	7.5
	35	29-Aug	89	179	2.0	244	1,947	8.0	3,045	13,448	4.4	9,697	37,250	3.8	9	62	6.9
	36	5-Sep	10	102	10.2	6	29	4.8	1,582	12,422	7.9	3,100	11,260	3.6	2	14	7.0
	37	12-Sep	0	0	0.0	0	0	0.0	2,095	17,174	8.2	14	65	4.6	44	201	4.6
	38	19-Sep	0	0	0.0	0	0	0.0	256	2,071	8.1	0	0	0.0	0	0	0.0
	Total		99	281	2.8	304	2,232	7.3	11,477	65,369	5.7	59,940	249,576	4.2	127	839	6.6
Big River (262-10,15)	31	1-Aug	1	6	6.0	421	2,173	5.2	91	643	7.1	24,991	99,923	4.0	3,644	31,736	8.7
	Total		1	6	6.0	421	2,173	5.2	91	643	7.1	24,991	99,923	4.0	3,644	31,736	8.7
Halo Bay (262-20)	34	22-Aug	0	0	0.0	81	402	5.0	492	3,747	7.6	13,081	45,857	3.5	737	5,896	8.0
	Total		0	0	0.0	81	402	5.0	492	3,747	7.6	13,081	45,857	3.5	737	5,896	8.0
Outer Kukak (262-25,30)	30	25-Jul	12	230	19.2	725	4,002	5.5	385	2,723	7.1	3,130	10,963	3.5	585	4,683	8.0
	31	1-Aug	9	109	12.1	575	2,604	4.5	38	345	9.1	8,084	31,205	3.9	3,418	34,798	10.2
	34	22-Aug	0	0	0.0	14	69	4.9	40	335	8.4	1,900	5,709	3.0	3,480	34,817	10.0
	Total		21	339	16.1	1,314	6,675	5.1	463	3,403	7.3	13,114	47,877	3.7	7,483	74,298	9.9
Inner Kukak (262-27)	31	1-Aug	1	10	10.0	3	16	5.3	75	442	5.9	3,900	13,606	3.5	6,480	51,834	8.0
	32	8-Aug	0	0	0.0	11	59	5.4	8	82	10.3	639	2,747	4.3	56	534	9.5
	33	15-Aug	4	94	23.5	66	381	5.8	193	903	4.7	18,598	76,176	4.1	8,928	73,533	8.2
	34	22-Aug	0	0	0.0	3	18	6.0	539	4,743	8.8	5,332	21,329	4.0	3,151	25,205	8.0
	35	29-Aug	0	0	0.0	0	0	0.0	210	1,367	6.5	649	2,921	4.5	1,308	11,779	9.0
	36	5-Sep	0	0	0.0	2	12	6.0	241	2,170	9.0	0	0	0.0	2,026	16,208	8.0
	37	12-Sep	0	0	0.0	0	0	0.0	1,283	11,525	9.0	0	0	0.0	1,204	9,433	7.8
	Total		5	104	20.8	85	486	5.7	2,549	21,232	8.3	29,118	116,779	4.0	23,153	188,526	8.1
Dakavak (262-35,40,45,50,55)	28	11-Jul	26	298	11.5	916	4,580	5.0	32	247	7.7	680	2,723	4.0	385	2,929	7.6
	29	18-Jul	242	3,609	14.9	19,622	101,798	5.2	1,970	14,147	7.2	35,254	120,401	3.4	9,974	86,233	8.6
	30	25-Jul	154	3,340	21.7	49,301	260,295	5.3	5,707	37,036	6.5	94,557	361,475	3.8	20,651	170,064	8.2
	31	1-Aug	20	466	23.3	8,356	42,590	5.1	1,608	11,852	7.4	51,076	188,915	3.7	5,830	50,780	8.7
	32	8-Aug	12	208	17.3	12,237	65,225	5.3	7,062	53,025	7.5	112,832	457,739	4.1	8,334	77,110	9.3
	34	22-Aug	0	0	0.0	661	3,308	5.0	26	229	8.8	8,890	33,196	3.7	1,915	15,331	8.0
	36	5-Sep	0	0	0.0	87	520	6.0	157	1,252	8.0	482	1,254	2.6	317	2,533	8.0
	Total		454	7,921	17.4	91,180	478,316	5.2	16,562	117,788	7.1	303,771	1,165,703	3.8	47,406	404,980	8.5
Katmai (262-60)	28	11-Jul	8	159	19.9	45	250	5.6	4	21	5.3	26	90	3.5	38	320	8.4
	29	18-Jul	12	202	16.8	999	5,675	5.7	33	230	7.0	1,124	4,797	4.3	508	4,917	9.7
	31	1-Aug	0	0	0.0	1	5	5.0	0	0	0.0	7,099	28,397	4.0	245	2,204	9.0
	32	8-Aug	4	52	13.0	428	2,142	5.0	134	944	7.0	21,680	79,786	3.7	6,944	62,508	9.0
	Total		24	413	17.2	1,473	8,072	5.5	171	1,195	7.0	29,929	113,070	3.8	7,735	69,949	9.0

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Section (Stat Area)	Stat Week/ WeekEnd		Chinook			Sockeye			Coho			Pink			Chum		
			No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.	No.	Lbs.	Avg.
Alinchak (262-65,70)	28	11-Jul	191	1,658	8.7	4,314	25,353	5.9	198	1,254	6.3	4,412	15,595	3.5	2,830	22,771	8.0
	29	18-Jul	28	461	16.5	1,238	6,226	5.0	31	262	8.5	1,445	5,693	3.9	2,839	24,874	8.8
	30	25-Jul	23	338	14.7	626	3,232	5.2	50	339	6.8	37,871	145,400	3.8	11,985	100,634	8.4
	31	1-Aug	33	639	19.4	174	878	5.0	19	151	7.9	40,915	146,443	3.6	29,862	266,043	8.9
	32	8-Aug	0	0	0.0	4	20	5.0	10	70	7.0	33,334	122,674	3.7	2,890	26,016	9.0
	34	22-Aug	0	0	0.0	1	5	5.0	10	86	8.6	61,019	204,446	3.4	1,782	16,619	9.3
	35	29-Aug	0	0	0.0	26	155	6.0	3,917	27,970	7.1	55,427	208,818	3.8	11,286	96,146	8.5
	36	5-Sep	0	0	0.0	0	0	0.0	3,908	36,769	9.4	1,727	5,813	3.4	49	348	7.1
Total		275	3,096	11.3	6,383	35,869	5.6	8,143	66,901	8.2	236,150	854,882	3.6	63,523	553,451	8.7	
Cape Igvak (262-75,80,90,95)	25	20-Jun	318	3,792	11.9	25,608	130,411	5.1	3	14	4.7	3,834	11,709	3.1	5,463	50,260	9.2
	30	25-Jul	860	12,281	14.3	20,874	110,521	5.3	2,843	20,268	7.1	201,140	679,272	3.4	26,054	232,569	8.9
	31	1-Aug	7	141	20.1	280	1,779	6.4	729	4,963	6.8	19,884	53,922	2.7	385	3,257	8.5
	Total		1,185	16,214	13.7	46,762	242,711	5.2	3,575	25,245	7.1	224,858	744,903	3.3	31,902	286,086	9.0
Wide Bay (262-85)	31	1-Aug	0	0	0.0	32	159	5.0	35	265	7.6	24,165	77,596	3.2	1,556	14,947	9.6
	37	12-Sep	1	20	20.0	0	0	0.0	609	5,483	9.0	36	91	2.5	0	0	0.0
	Total		1	20	20.0	32	159	5.0	644	5,748	8.9	24,201	77,687	3.2	1,556	14,947	9.6
Grand Total			20,283	209,359	10.3	1,583,816	8,085,440	5.1	553,524	4,315,217	7.8	31,693,347	117,383,376	3.7	1,081,189	9,100,349	8.4

APPENDIX M. ESCAPEMENT DATA

Appendix M1.-Peak salmon escapements of index streams for the Kodiak Management Area, by district and species, 2006.

District	Number of Fish				
	Chinook	Sockeye	Coho	Pink	Chum
Afognak	4	33,084	10,400	282,900	0
Northwest Kodiak	0	30,200	0	693,900	41,800
Southwest Kodiak	7,218	578,153	18,314	1,583,298	21,423
Alitak Bay	251	270,466	5,990	844,236	25,227
Eastside Kodiak	0	51,200	9,637	953,400	333,600
Northeast Kodiak	0	17,734	20,523	698,638	19,359
Mainland	0	3,821	0	778,200	346,140
Total	7,473	984,658	64,864	5,834,572	787,549